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Statistics

Primary iron and steel

January, 1955 missing

PRIMARY IRON AND STEEL

FEBRUARY, 1955

Published by authority of

Her Excellency the Governor General in Council, on the recommendation of the Minister of Trade and Commerce

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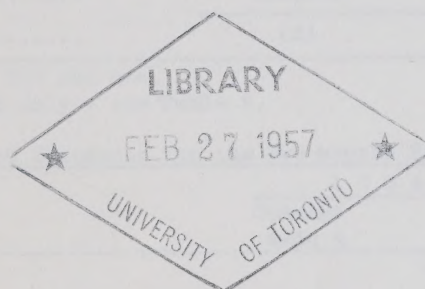
Table 1. Primary iron and steel

Table 2. Secondary iron and steel



PRIMARY IRON AND STEEL

FEBRUARY, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-25

Price \$2.00 per year
25 cents per copy

Vol. 10—No. 2



PRIMARY IRON AND STEEL
FEBRUARY, 1988

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PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 215,075 tons in February, 1955, compared with 182,050 tons in the corresponding month of last year. The total for the current month included 193,303 tons of basic iron, 20,830 tons of malleable iron and 942 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during February, 1955, totalled 321,253 tons compared with 266,911 tons in February of last year. Output in the month under review included 314,706 tons of ingots and 6,547 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During February, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
Pig iron -				
Basic	146,980	2,159	193,303	1,064
Foundry	3,092	8,919	942	6,494
Malleable	31,978	9,368	20,830	13,233
Total pig iron	182,050	20,446	215,075	20,791
Ferro-alloys	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Two Months Ended February, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
Pig iron -				
Basic	330,616	4,577	366,581	2,208
Foundry	21,971	17,470	15,518	13,474
Malleable	44,462	15,937	32,440	22,688
Total pig iron	397,049	38,034	414,539	38,370
Ferro-alloys	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During February and Two Months Ended February, 1954 and 1955

	February		Two months ended February	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	75,502	91,302	177,258	166,916
Imported	238,442	270,690	514,152	536,537
Mill cinder, scale, sinter, etc.	45,934	53,901	96,788	99,974
Limestone	69,415	73,060	151,455	137,964
Dolomite	19,635	21,787	43,191	45,553
Coke	166,406	191,299	361,268	371,587
Scrap iron and steel	5,089	8,279	9,448	16,372

Primary Iron and Steel

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Table 4 - Description of Iron Blast Furnaces at End of February, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	11	3,187,150	83.5
Banked	-	-	-
Blown out	5	630,850	16.5
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During February, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	229,025	-	282,451	108
Electric	29,740	-	32,255	3,148
Total steel ingots	258,765	-	314,706	3,256
Alloy steel ingots included in above	15,867	-	14,396	-
<u>Steel castings</u>				
Open hearth - basic	2,060	1,802	2,282	2,070
Converter	-	-	2	-
Electric	6,086	4,721	4,263	3,098
Total steel castings	8,146	6,523	6,547	5,168
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	301	269	189	182
(b) High alloy, manganese and abrasion resistant	659	676	1,016	917
(c) All other alloys	836	212	409	266

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Two Months Ended February, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	491,269	-	556,381	341
Electric	57,983	-	69,178	6,213
Total steel ingots	549,252	-	625,559	6,554
Alloy steel ingots included in above	27,338	-	31,606	-
<u>Steel castings</u>				
Open hearth - basic	4,410	3,841	4,315	3,988
Converter	-	-	2	-
Electric	12,149	9,308	8,191	5,939
Total steel castings	16,559	13,149	12,508	9,927
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	626	556	362	318
(b) High alloy, manganese and abrasion resistant	1,335	1,264	2,109	1,924
(c) All other alloys	1,695	359	745	547

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, February, 1954 and 1955, and Two Months Ended February, 1955

	February 1954	February 1955	Two months ended February, 1955
	(Net tons of 2,000 pounds)		
Pig iron	154,754	195,073	379,820
Scrap - Own make	88,007	82,072	168,691
Purchased	51,058	66,546	133,660

Table 8 - Steel Furnace Capacity at First of January, 1954

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth	3,919,200
Electric	738,300
Total ingots	4,657,500
Steel castings	335,575
Total ingots and castings	4,993,075

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		Total steel
			Ingots	Castings	
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,706	6,547	321,253
Total two months	414,539		625,559	12,508	638,067

- (1) First quarter.
(2) Second quarter.
(3) Third quarter.
(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 239,302 net tons in February, 1955, compared with 213,115 tons in February, 1954. The February, 1955, shipments included 10,759 tons of semi-finished shapes, 10,874 tons of structurals, 18,457 tons of plates, 23,007 tons of rails, 6,204 tons of tie plates and track material, 38,169 tons of hot rolled bars, 16,332 tons of pipes and tubes, 22,758 tons of wire rods, 34,507 tons of black sheets, 8,775 tons of galvanized sheets, 5,801 tons of castings and 43,659 tons of other rolled products. The amount of producers' interchange was 119,996 tons in February, 1955, as against 94,755 tons in February, 1954.

Of the amounts shipped for sale during February, 30,024 tons went direct to railways and railway car shops; 16,063 tons went to pressing, forming and stamping plants; 28,675 tons to merchant trade products; 26,712 tons to building construction; 24,674 tons to the containers industry; 7,561 tons to agricultural equipment; 22,585 tons to the automotive industry; 13,882 tons to machinery plants; 1,084 tons to shipbuilding; 10,596 tons to mining, lumbering, etc., and 5,430 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 29,023 tons, and exports for 22,993 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 119,996 tons in February, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, February, 1955

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	10,302	8,487	934
Other semi-finished shapes, not for re-rolling by makers	22,214	1,572	10,520
Structural shapes and piling	11,720	10,874	-
Plates	19,000	18,437	-
Rails	20,820	23,007	-
Tie plates and track material: Splice bars	-	357	-
Tie plates	2,573	4,857	-
Spikes	816	990	-
Concrete reinforcing bars	11,457	9,565	-
Hot rolled bars for cold finishing	1,260	-	1,301
Other hot rolled bars	31,697	30,519	2,725
Pipes and tubes	17,801	16,332	-
Wire rods	22,920	22,605	255
Hot rolled black sheets	81,214	17,186	59,660
Cold reduced black sheets	23,147	17,321	6,957
Cold reduced strip	3,285	2,009	462
Galvanized sheets	9,350	8,775	-
Steel castings	4,872	4,519	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	70,550	30,411	36,497
Total carbon steel	364,998	227,823	119,311
<u>Alloy steel</u>			
Billets, etc., for forging	630	700	-
Other semi-finished shapes, not for re-rolling by makers	680	-	680
Plates	34	20	-
Hot rolled bars for cold finishing	-	-	-
Other hot rolled bars	7,435	7,650	5
Wire rods	146	153	-
Steel castings	1,543	1,282	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,425	1,674	-
Total alloy steel	11,893	11,479	685

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Two Months Ended February, 1955

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	22,437	17,075	5,734
Other semi-finished shapes, not for re-rolling by makers	33,636	10,392	16,268
Structural shapes and piling	20,736	19,972	-
Plates	37,762	35,197	200
Rails	25,429	32,114	-
Tie plates and track material: Splice bars	205	392	431
Tie plates	5,871	6,534	-
Spikes	1,667	1,564	-
Concrete reinforcing bars	22,899	21,141	-
Hot rolled bars for cold finishing	2,928	-	2,943
Other hot rolled bars	61,885	55,150	3,614
Pipes and tubes	37,021	31,219	-
Wire rods	46,058	44,132	395
Hot rolled black sheets	156,835	32,287	118,279
Cold reduced black sheets	47,692	33,817	15,284
Cold reduced strip	5,803	4,055	697
Galvanized sheets	18,365	17,853	7
Steel castings	9,073	8,176	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	140,412	60,290	73,619
Total carbon steel	696,714	431,360	237,471
<u>Alloy steel</u>			
Billets, etc., for forging	1,612	1,547	-
Other semi-finished shapes, not for re-rolling by makers	1,447	-	1,447
Plates	78	36	-
Other hot rolled bars	12,828	12,961	5
Wire rods	281	218	-
Steel castings	3,127	2,762	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,584	2,820	-
Total alloy steel	21,957	20,344	1,452

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, February, 1955, and Year to Date

	February, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	14,980	7,605	28,316	12,631
Agricultural, including farm machinery	7,511	50	14,459	133
Building construction	26,649	63	53,759	80
Containers industry	24,650	24	47,655	34
Machinery and tools	12,973	909	27,222	1,627
Merchant trade products	28,243	432	53,414	687
Mining, lumbering, etc.	9,738	858	18,949	1,770
National defence	2,120	268	3,604	576
Pressing, forming and stamping	16,006	57	31,169	138
Public works and utilities	1,628	31	2,646	88
Railway operating	20,937	95	24,298	210
Railway cars and locomotives	8,807	185	13,673	545
Shipbuilding	1,054	30	2,521	59
Miscellaneous and unclassified	1,297	86	2,751	244
Wholesalers and warehouses	28,831	192	57,902	400
Direct export (a) to British Empire	3,135	43	13,287	115
(b) to other countries	19,264	551	35,735	1,007
Total shipped for sale	227,823	11,479	431,360	20,344
Producers' interchange	119,311	685	237,471	1,452

Table 13 - Imports of Primary Forms of Iron and Steel, February, 1955, and Year to Date

Commodity	Country of origin	February, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	374	-	-	484	-	-
Foundry	United States	53	-	-	53	-	-
Ingots	United States	42	87	-	61	236	-
Billets, blooms, slabs and sheet bars..	United States	216	105	10.5	347	166	40.5
	United Kingdom	-	-	-	2	13	-
Bars and sections -							
Hot rolled, n.o.p.	United States	2,612	133	16.6	5,303	517	29.0
	United Kingdom	96	22	20.8	255	80	25.6
	Belgium	292	-	-	508	-	-
	France	-	-	-	6	-	-
	Japan	491	-	-	839	-	-
Hot rolled -							
For agricultural implements	United States	368	-	-	723	30	-
Rounds over 4 $\frac{1}{2}$ " , squares over 4"...	United States	70	7	-	133	12	-
	United Kingdom	31	6	-	110	6	-
Angles, channels, etc.	United States	595	-	4.4	1,105	-	6.8
	United Kingdom	37	-	-	82	-	-
	Belgium	35	-	-	113	-	-
Structurals (bar sizes) for							
agricultural implements	United States	11	-	-	11	-	-
Sash or casement sections	United States	170	-	-	273	-	-
	United Kingdom	28	-	-	28	-	-
	Belgium	37	-	-	37	-	-
Cold finished, n.o.p.	United States	466	22	4.1	876	41	17.0
	United Kingdom	99	-	2.1	156	-	14.2
	Belgium	47	-	-	56	-	-
	Sweden	15	-	-	15	-	-
Cold finished, for agricultural							
implements	United States	290	-	-	592	-	-
Tool steel	United States	13	47	-	20	99	-
	United Kingdom	7	118	-	10	240	-
	Germany	-	-	-	-	1	-
	Austria	-	-	-	-	21	-

Table 13 - Imports of Primary Forms of Iron and Steel, February, 1955, and Year to Date (Continued)

Commodity	Country of origin	February, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Structurals -							
W.F. beams, 8" and over	United States	14,328	-	-	30,518	-	-
	United Kingdom	-	-	-	757	-	-
	Belgium	16	-	-	305	-	-
W.F. beams, under 8"	United States	385	-	-	630	-	-
Sheet piling	United States	57	-	-	1,194	-	-
All other	United States	2,874	-	-	6,335	-	-
	United Kingdom	24	-	-	94	-	-
	Belgium	28	-	-	115	-	-
Plates -							
78" and under in width	United States	2,164	7	96.6	3,860	22	147.4
	United Kingdom	186	-	15.7	515	-	33.6
	Japan	732	-	-	2,292	-	-
Over 78" and under 100" in width	United States	2,116	-	3.3	3,076	-	3.3
	United Kingdom	-	-	-	38	-	-
	Japan	-	-	-	19	-	-
100" in width and over	United States	792	-	-	1,375	-	-
Flanged, dished or curved	United States	150	-	-	239	-	-
Boiler, pulp-mill digesters	United States	577	-	-	735	-	-
Chequered or surface pattern	United States	655	-	-	1,787	-	-
Sheets -							
Silicon .075 or more	United States	-	808	-	-	1,907	-
Galvanized	United States	1,115	-	-	2,835	-	-
	United Kingdom	3	-	-	7	-	-
	Japan	-	-	-	5	-	-
Corrugated	United States	336	-	-	760	-	-
	United Kingdom	33	-	-	33	-	-
Hot rolled -							
18 gauge and heavier	United States	2,419	28	.5	4,545	39	.6
	United Kingdom	123	-	5.8	169	-	7.9
	Sweden	-	-	-	-	-	5.9
Lighter than 18 gauge	United States	-	8	4.1	8	9	4.2
	Sweden	-	-	-	-	-	.2
Cold rolled -							
18 gauge and heavier	United States	742	-	63.7	1,098	11	153.9
	United Kingdom	2	-	33.5	2	-	78.2
Lighter than 18 gauge	United States	435	-	145.1	955	15	217.9
	United Kingdom	13	-	15.3	13	-	25.2
For motor vehicles	United States	1,323	-	-	2,539	-	-
For hollow ware (vitreous enamel) ...	United States	420	-	-	1,087	-	-
Coated with paint, tar, asphaltum, etc..	United States	131	-	-	215	-	-
For saws	United States	-	55	-	-	82	-
	United Kingdom	-	6	-	-	8	-
Tin mill black plate	United States	-	-	-	79	-	-
Tin plate - Primes	United States	61	-	-	103	-	-
	United Kingdom	-	-	-	17	-	-
Terne plate - Long	United States	636	-	-	887	-	-
Short	United States	83	-	-	221	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	568	-	-	774	-	-
	United Kingdom	6	-	-	6	-	-
Lighter than 18 gauge	United States	2	-	-	25	-	-
Cold rolled -							
18 gauge and heavier	United States	161	4	16.4	361	28	29.6
Lighter than 18 gauge	United States	292	3	69.5	474	11	131.1
	United Kingdom	-	-	-	5	-	-
	Sweden	23	-	-	23	2	-
	Germany	-	-	-	11	-	-
For saws	United States	-	33	-	33	67	-
	United Kingdom	-	6	-	-	7	-
	Sweden	-	6	-	-	14	-

Table 13 - Imports of Primary Forms of Iron and Steel, February, 1955, and Year to Date (Continued)

Commodity	Country of origin	February, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Strip (concluded) -							
For motor vehicles	United States	519	-	-	887	-	-
For hoops	United States	35	-	-	106	-	-
	United Kingdom	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc..	United States	693	-	-	1,194	-	-
	Germany	3	-	-	3	-	-
For butt hinges	United States	74	-	-	111	-	-
	United Kingdom	35	-	-	35	-	-
Galvanized	United States	404	-	-	704	-	-
	United Kingdom	17	-	-	21	-	-
	Belgium	-	-	-	3	-	-
	Germany	2	-	-	2	-	-
Silicon .075 or more	United States	-	352	-	-	863	-
Skelp -							
15 $\frac{3}{8}$ " and under in width	United States	5,321	-	-	7,969	-	-
Over 15 $\frac{3}{8}$ " in width	United States	540	-	-	1,041	-	-
Pipes and tubes -							
Spiral weld pipe	United States	13	-	-	207	-	-
Cast	United States	8	-	-	112	-	-
	United Kingdom	1,049	-	-	2,386	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	68	24	-	215	34	-
	United Kingdom	79	-	-	152	-	-
	Sweden	3	-	-	3	-	-
Cold drawn	United States	7	-	-	15	1	-
	United Kingdom	82	-	-	82	-	-
	Sweden	-	-	-	-	-	6.1
Welded	United States	132	-	-	209	-	-
	United Kingdom	335	-	-	475	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	357	45	30.7	751	130	48.2
	United Kingdom	220	2	17.8	345	6	22.3
	Sweden	70	-	.2	139	-	16.4
Hot finished	United States	412	56	-	682	90	.2
	United Kingdom	211	-	-	272	-	-
	Germany	333	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	90	-	-	298	4	-
Welded, 4" and under in diameter ..	United States	726	399	7.3	1,663	521	15.4
	United Kingdom	87	-	.2	325	-	.2
	France	16	-	-	23	-	-
	Belgium	14	-	-	49	-	-
Welded, over 4" in diameter	United States	83	-	.8	187	-	1.3
Conduit	United States	89	-	-	224	-	-
Casings	United States	2,480	-	-	5,961	-	-
	United Kingdom	719	-	-	1,123	-	-
	Germany	644	-	-	833	-	-
	Italy	-	-	-	455	-	-
	Japan	37	-	-	1,248	-	-
	France	739	-	-	1,478	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	16	-	-	41	-	-
Wire rope	United States	22	-	-	32	-	-
	United Kingdom	166	-	-	376	-	-
	Germany	51	-	-	66	-	-
	Belgium	13	-	-	23	-	-
	Holland	141	-	-	147	-	-
	Japan	-	-	-	1	-	-
	Netherlands	-	-	-	54	-	-
Wire - For rope	United States	184	-	-	398	-	1.5
	United Kingdom	864	-	-	1,669	-	-
	Germany	-	-	-	40	-	-
	Belgium	-	-	-	7	-	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, February, 1955, and Year to Date (Concluded)

Commodity	Country of origin	February, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Wire (concluded) -							
For springs, cushions, mattresses, etc.	United States	80	-	-	100	-	-
	United Kingdom	6	-	-	6	-	-
For corset clasps, dress stays, etc..	United States	3	-	-	5	-	-
Coated or covered	United States	4	-	-	50	-	-
	United Kingdom	17	-	-	18	-	-
	Belgium	12	-	-	12	-	-
	France	25	-	-	25	-	-
All other	United States	293	8	3.2	561	68	6.9
	United Kingdom	44	-	.8	138	-	.8
	Belgium	-	-	-	53	-	-
	France	6	-	-	6	-	-
Wire rods, not over $\frac{3}{8}$ " in diameter	United States	-	-	-	56	-	-
	United Kingdom	111	-	-	224	-	-
Welding wire and welding rods	United States	1	97	-	2	135	-
	United Kingdom	-	-	-	-	1	-
Tires - For railway rolling stock							
	United States	85	-	-	153	-	-
	United Kingdom	3	-	-	27	-	-
Wheels - For railway rolling stock	United States	774	-	-	1,383	-	-
	United Kingdom	53	-	-	233	-	-
Rails -							
60 lb. and under	United States	1	-	-	15	-	-
	Belgium	20	-	-	49	-	-
	Germany	17	-	-	17	-	-
Over 60 lb. and including 100 lb. ...	United States	-	-	-	203	-	-
Over 100 lb.	United States	2,125	-	-	2,129	-	-
Track material -							
Fish plates, angle bars, etc.	United States	789	-	-	794	-	-
	Belgium	1	-	-	2	-	-
	Germany	1	-	-	1	-	-
Switch points, etc.	United States	1	-	-	4	-	-
Total imports	United States	54,531	2,328	476.8	105,191	5,134	860.9
	All other	8,650	166	112.2	19,623	403	230.5
TOTAL*		63,181	2,494	589.0	124,814	5,537	1091.4

* - These totals are not strictly comparable with those of previous years since the categories, "Castings" and "Forgings", have been dropped from this year's totals.

Table 14 - Exports of Primary Iron and Steel, February, 1955, and Year to Date

	February, 1955		Year to date	
	(Tons of 2,000 pounds)			
Pig iron	71		397	
Ingots, blooms and billets	11,399		25,943	
Bars	482		948	
Rods	2,914		3,559	
Plates, sheets and strips	4,962		7,777	
Rails	13,461		20,749	
Structural shapes	106		263	
Pipe and tubing - Wrought iron	-		-	
Cast iron	17		35	
Galvanized	25		39	
Other	14		30	
Castings, iron and steel	1,079		2,239	
Forgings	362		706	
Total	34,892		62,685	

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Canada, Statistics, Bureau
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CANADA

PRIMARY IRON AND STEEL

MARCH, 1955



Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-35

Price \$2.00 per year
25 cents per copy

Vol. 10—No. 3

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 275,729 tons in March, 1955, compared with 200,763 tons in the corresponding month of last year. The total for the current month included 226,637 tons of basic iron, 33,638 tons of malleable iron and 15,454 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during March, 1955, totalled 384,614 tons compared with 249,290 tons in March of last year. Output in the month under review included 376,866 tons of ingots and 7,748 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During March, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	145,345	1,424	226,637	1,648
Foundry	26,705	12,053	15,454	8,956
Malleable	28,713	6,529	33,638	8,719
Total pig iron	200,763	20,006	275,729	19,323
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Three Months Ended March, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	475,961	6,001	593,218	3,856
Foundry	48,676	29,523	30,972	22,430
Malleable	73,175	22,516	66,078	31,407
Total pig iron	597,812	58,040	690,268	57,693
<u>Ferro-alloys</u>	26,000	24,383	22,420	29,418

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During March and Three Months Ended March, 1954 and 1955

	March		Three months ended March	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	75,407	103,870	252,665	270,786
Imported	276,111	342,575	790,263	879,112
Mill cinder, scale, sinter, etc. ...	45,769	85,086	142,557	185,060
Limestone	72,692	93,692	224,147	231,656
Dolomite	21,317	26,178	64,508	71,731
Coke	182,301	243,272	543,569	614,859
Scrap iron and steel	5,841	9,481	15,289	25,853

Table 4 - Description of Iron Blast Furnaces at End of March, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	11	3,296,450	86.3
Banked	-	-	-
Blown out	5	521,550	13.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During March, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	208,216	307	337,846	-
Electric	32,299	-	39,020	36
Total steel ingots	240,515	307	376,866	36
Alloy steel ingots included in above	9,590	-	16,876	15
<u>Steel castings</u>				
Open hearth - basic	2,318	2,006	2,675	2,426
Converter	9	-	2	-
Electric	6,448	5,127	5,071	4,079
Total steel castings	8,775	7,133	7,748	6,505
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	368	334	207	179
(b) High alloy, manganese and abrasion resistant	934	870	1,218	1,098
(c) All other alloys	918	237	540	314

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Three Months Ended March, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	699,485	307	894,227	341
Electric	90,282	-	108,149	36(#)
Total steel ingots	789,767	307	1,002,376	377
Alloy steel ingots included in above	36,928	-	48,482	15
<u>Steel castings</u>				
Open hearth - basic	6,728	5,847	6,990	6,414
Converter	9	-	4	-
Electric	18,597	14,435	13,295	10,018
Total steel castings	25,334	20,282	20,289	16,432
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	994	890	569	497
(b) High alloy, manganese and abrasion resistant	2,269	2,134	3,327	3,022
(c) All other alloys	2,613	596	1,285	861

* - Includes amounts for sale and for own use.

(#) - Revised.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, March, 1954 and 1955, and Three Months Ended March, 1955

	March 1954	March 1955	Three months ended March, 1955
	(Net tons of 2,000 pounds)		
Pig iron	133,608	228,164	607,984
Scrap - Own make	81,945	100,363	269,054
Purchased	49,545	86,153	219,813

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace) ...	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		Total steel
			Ingots	Castings	
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	22,420 (1)	376,866	7,748	384,614
Total three months	690,268	22,420	1,002,376	20,289	1,022,665

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 290,440 net tons in March, 1955, compared with 229,400 tons in March, 1954. The March, 1955, shipments included 20,957 tons of semi-finished shapes, 11,768 tons of structurals, 20,074 tons of plates, 17,495 tons of rails, 10,014 tons of tie plates and track material, 43,583 tons of hot rolled bars, 20,728 tons of pipes and tubes, 30,508 tons of wire rods, 45,873 tons of black sheets, 10,426 tons of galvanized sheets, 6,372 tons of castings, and 52,642 tons of other rolled products. The amount of producers' interchange was 137,969 tons in March, 1955, as against 101,338 tons in March, 1954.

Of the amounts shipped for sale during March, 35,630 tons went direct to railways and railway car shops; 21,403 tons went to pressing, forming and stamping plants; 37,428 tons to merchant trade products; 33,325 tons to building construction; 28,560 tons to the containers industry; 9,061 tons to agricultural equipment; 25,920 tons to the automotive industry; 17,562 tons to machinery plants; 1,280 tons to shipbuilding; 10,413 tons to mining, lumbering, etc., and 5,081 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 39,065 tons and exports for 25,712 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 137,969 tons in March, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, March, 1955

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	7,977	5,139	2,595	
Other semi-finished shapes, not for re-rolling by makers	29,102	15,148	15,398	
Structural shapes and piling	12,435	11,768	-	
Plates	18,781	20,052	-	
Rails	15,517	17,495	-	
Tie plates and track material: Splice bars	1,718	2,021	-	
Tie plates	8,699	6,692	-	
Spikes	1,316	1,301	-	
Concrete reinforcing bars	12,020	11,470	-	
Hot rolled bars for cold finishing	1,233	-	1,270	
Other hot rolled bars	46,134	35,752	7,944	
Pipes and tubes	20,690	20,728	-	
Wire rods	29,974	30,392	120	
Hot rolled black sheets	86,676	24,792	63,299	
Cold reduced black sheets	28,339	21,081	7,241	
Cold reduced strip	2,742	2,479	311	
Galvanized sheets	10,558	10,426	10	
Steel castings	5,778	4,752	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	88,551	36,771	39,691	
Total carbon steel	428,240	278,259	137,879	
<u>Alloy steel</u>				
Billets, etc., for forging	552	670	-	
Other semi-finished shapes, not for re-rolling by makers	21	-	21	
Plates	50	22	-	
Other hot rolled bars	7,901	7,831	69	
Wire rods	135	116	-	
Steel castings	1,834	1,620	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,783	1,922	-	
Total alloy steel	12,276	12,181	90	

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Three Months Ended March, 1955

	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	30,414	22,214	8,329
Other semi-finished shapes, not for re-rolling by makers	62,738	25,540	31,666
Structural shapes and piling	33,171	31,740	-
Plates	56,543	55,249	200
Rails	40,946	49,609	-
Tie plates and track material: Splice bars	1,923	2,413	431
Tie plates	14,570	13,226	-
Spikes	2,983	2,865	-
Concrete reinforcing bars	34,919	32,611	-
Hot rolled bars for cold finishing	4,161	-	4,213
Other hot rolled bars	108,019	90,902	11,558
Pipes and tubes	57,711	51,947	-
Wire rods	76,032	74,524	515
Hot rolled black sheets	243,511	57,079	181,578
Cold reduced black sheets	76,031	54,898	22,525
Cold reduced strip	8,545	6,534	1,008
Galvanized sheets	28,923	28,279	17
Steel castings	14,851	12,928	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	228,963	97,061	113,310
Total carbon steel	1,124,954	709,619	375,350
<u>Alloy steel</u>			
Billets, etc., for forging	2,164	2,217	-
Other semi-finished shapes, not for re-rolling by makers	1,468	-	1,468
Plates	128	58	-
Other hot rolled bars	20,729	20,792	74
Wire rods	416	334	-
Steel castings	4,961	4,382	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	4,367	4,742	-
Total alloy steel	34,233	32,525	1,542

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, March, 1955, and Year to Date

	March, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	18,124	7,796	46,440	20,427
Agricultural, including farm machinery	8,906	155	23,365	288
Building construction	33,257	68	87,016	148
Containers industry	28,557	3	76,212	37
Machinery and tools	16,477	1,085	43,699	2,712
Merchant trade products	37,139	289	90,553	976
Mining, lumbering, etc.	9,389	1,024	28,338	2,794
National defence	1,580	394	5,184	970
Pressing, forming and stamping	21,303	100	52,472	238
Public works and utilities	1,195	87	3,841	175
Railway operating	21,546	124	45,844	334
Railway cars and locomotives	13,787	173	27,460	718
Shipbuilding	1,220	60	3,741	119
Miscellaneous and unclassified	1,703	122	4,454	366
Wholesalers and warehouses	38,767	298	96,669	698
Direct export (a) to British Empire	17,252	104	30,539	219
(b) to other countries	8,057	299	43,792	1,306
Total shipped for sale	278,259	12,181	709,619	32,525
Producers' interchange	137,879	90	375,350	1,542

Table 13 - Imports of Primary Forms of Iron and Steel, March, 1955, and Year to Date

Commodity	Country of origin	March, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	408	-	-	892	-	-
Foundry	United States	54	-	-	107	-	-
Ingots	United States	160	146	-	221	382	-
Billets, blooms, slabs and sheet bars..	United States	4	25	-	351	191	40.5
	United Kingdom	-	2	-	2	15	-
Bars and sections -							
Hot rolled, n.o.p.	United States	2,208	115	21.0	7,511	632	50.0
	United Kingdom	18	12	11.9	273	92	37.5
	Belgium	957	-	-	1,465	-	-
	France	-	-	-	6	-	-
	Japan	145	-	-	984	-	-
Hot rolled -							
For agricultural implements	United States	345	4	-	1,068	34	-
Rounds over 4½", squares over 4"...	United States	104	2	-	237	14	-
	United Kingdom	34	8	-	144	14	-
Angles, channels, etc.	United States	614	-	3.4	1,719	-	10.2
	United Kingdom	15	-	1.2	97	-	1.2
	Belgium	91	-	-	204	-	-
Structurals (bar sizes) for							
agricultural implements	United States	9	-	-	20	-	-
Sash or casement sections	United States	242	-	-	515	-	-
	United Kingdom	34	-	-	62	-	-
	Belgium	7	-	-	44	-	-
Cold finished, n.o.p.	United States	405	128	7.4	1,281	169	24.4
	United Kingdom	56	-	10.9	212	-	25.1
	Belgium	-	-	-	56	-	-
	Sweden	1	-	-	16	-	-
Cold finished, for agricultural							
implements	United States	132	-	-	724	-	-
Tool steel	United States	3	37	-	23	136	-
	United Kingdom	14	77	-	24	317	-
	Germany	-	1	-	-	2	-
	Austria	-	-	-	-	21	-

Table 13 - Imports of Primary Forms of Iron and Steel, March, 1955, and Year to Date (Continued)

Commodity	Country of origin	March, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
Structurals -		(Tons of 2,000 pounds)					
W.F. beams, 8" and over	United States	18,669	-	-	49,187	-	-
	United Kingdom	25	-	-	782	-	-
	Belgium	-	-	-	305	-	-
W.F. beams, under 8"	United States	537	-	-	1,167	-	-
Sheet piling	United States	194	-	-	1,388	-	-
All other	United States	5,818	-	-	12,153	-	-
	United Kingdom	23	-	-	117	-	-
	Belgium	76	-	-	191	-	-
Plates -							
78" and under in width	United States	2,528	3	78.6	6,388	25	226.0
	United Kingdom	25	-	21.6	540	-	55.2
	Japan	991	-	-	3,283	-	-
Over 78" and under 100" in width	United States	1,376	-	21.4	4,452	-	24.7
	United Kingdom	58	-	-	96	-	-
	Japan	-	-	-	19	-	-
100" in width and over	United States	728	-	-	2,103	-	-
Flanged, dished or curved	United States	100	-	-	339	-	-
Boiler, pulp-mill digesters	United States	253	-	-	988	-	-
Chequered or surface pattern	United States	594	-	-	2,381	-	-
Sheets -							
Silicon .075 or more	United States	-	1,420	-	-	3,327	-
Galvanized	United States	2,095	-	-	4,930	-	-
	United Kingdom	38	-	-	45	-	-
	Japan	-	-	-	5	-	-
Corrugated	United States	452	-	-	1,212	-	-
	United Kingdom	-	-	-	33	-	-
Hot rolled -							
18 gauge and heavier	United States	2,684	9	8.4	7,229	48	9.0
	United Kingdom	35	-	58.8	204	-	66.7
	Sweden	-	-	-	-	-	5.9
Lighter than 18 gauge	United States	-	1	-	8	10	4.2
	United Kingdom	-	-	24.9	-	-	24.9
	Sweden	-	-	-	-	-	.2
Cold rolled -							
18 gauge and heavier	United States	444	1	66.4	1,542	12	220.3
	United Kingdom	23	-	-	25	-	78.2
Lighter than 18 gauge	United States	1,187	-	121.5	2,142	15	339.4
	United Kingdom	54	-	17.6	67	-	42.8
For motor vehicles	United States	2,155	-	-	4,694	-	-
For hollow ware (vitreous enamel) ...	United States	745	-	-	1,832	-	-
	United Kingdom	21	-	-	21	-	-
Coated with paint, tar, asphaltum, etc..	United States	38	-	-	253	-	-
For saws	United States	-	100	-	-	182	-
	United Kingdom	-	-	-	-	8	-
Tin mill black plate	United States	-	-	-	79	-	-
Tin plate - Primes	United States	-	-	-	103	-	-
	United Kingdom	13	-	-	30	-	-
Tin plate - Electrolytic coating	United States	111	-	-	111	-	-
Terne plate - Long	United States	622	-	-	1,509	-	-
Short	United States	5	-	-	226	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	578	-	-	1,352	-	-
	United Kingdom	-	-	-	6	-	-
Lighter than 18 gauge	United States	-	-	-	25	-	-
Cold rolled -							
18 gauge and heavier	United States	142	54	18.8	503	82	48.4
Lighter than 18 gauge	United States	258	26	74.5	732	37	205.6
	United Kingdom	-	-	-	5	-	-
	Sweden	-	56	1.6	23	58	1.6
	Germany	-	-	-	11	-	-
Hot rolled strip for cold rolling ...	United States	53	-	-	53	-	-
For saws	United States	-	90	-	33	157	-
	United Kingdom	-	-	-	-	7	-
	Sweden	-	11	-	-	25	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, March, 1955, and Year to Date (Continued)

		March, 1955			Year to date		
Commodity	Country of origin	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For motor vehicles	United States	693	-	-	1,580	-	-
For hoops	United States	17	-	-	123	-	-
	United Kingdom	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc..	United States	650	-	-	1,844	-	-
	United Kingdom	3	-	-	3	-	-
	Germany	-	-	-	3	-	-
For butt hinges	United States	57	-	-	168	-	-
	United Kingdom	-	-	-	35	-	-
Galvanized	United States	475	-	-	1,179	-	-
	United Kingdom	1	-	-	22	-	-
	Belgium	-	-	-	3	-	-
	Germany	-	-	-	2	-	-
Silicon .075 or more	United States	-	586	-	-	1,449	-
Skelp -							
15 ³ / ₈ " and under in width	United States	4,984	-	-	12,953	-	-
	Germany	1,494	-	-	1,494	-	-
Over 15 ³ / ₈ " in width	United States	977	-	-	2,018	-	-
Pipes and tubes -							
Spiral weld pipe	United States	153	-	-	360	-	-
Cast	United States	192	-	-	304	-	-
	United Kingdom	804	-	-	3,190	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	63	1	-	278	35	-
	United Kingdom	94	-	-	246	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	77	9	.5	92	10	.5
	United Kingdom	27	-	-	109	-	-
	Sweden	-	-	-	-	-	6.1
Welded	United States	309	-	-	518	-	-
	United Kingdom	122	-	-	597	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	506	110	21.7	1,257	240	69.9
	United Kingdom	113	-	11.8	458	6	34.1
	Sweden	15	-	.2	154	-	16.6
Hot finished	United States	331	20	.4	1,013	110	.6
	United Kingdom	524	-	-	796	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	717	-	-	1,015	4	-
	United Kingdom	168	-	-	168	-	-
Welded, 4" and under in diameter ..	United States	696	317	5.8	2,359	838	21.2
	United Kingdom	137	-	-	462	-	.2
	France	149	-	-	172	-	-
	Belgium	-	-	-	49	-	-
	Germany	40	-	-	40	-	-
Welded, over 4" in diameter	United States	240	-	.4	427	-	1.7
Conduit	United States	85	-	-	309	-	-
Casings	United States	2,458	-	-	8,419	-	-
	United Kingdom	1,162	-	-	2,285	-	-
	Germany	563	-	-	1,396	-	-
	Italy	-	-	-	455	-	-
	Japan	3,169	-	-	4,417	-	-
	France	559	-	-	2,037	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	25	-	-	66	-	-
Wire rope	United States	19	-	.1	51	-	.1
	United Kingdom	81	-	-	457	-	-
	Germany	41	-	-	107	-	-
	Belgium	6	-	-	29	-	-
	Holland	-	-	-	147	-	-
	Japan	-	-	-	1	-	-
	Netherlands	-	-	-	54	-	-
Wire - For rope	United States	347	-	.2	745	-	1.7
	United Kingdom	566	-	-	2,235	-	-
	Germany	-	-	-	40	-	-
	Belgium	-	-	-	7	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, March, 1955, and Year to Date (Concluded)

Commodity		Country of origin	March, 1955			Year to date		
			Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)								
Wire (concluded) -								
For springs, cushions, mattresses, etc..		United States	31	-	-	131	-	-
		United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc..		United States	4	-	-	9	-	-
Coated or covered		United States	16	-	-	66	-	-
		United Kingdom	43	-	-	61	-	-
		Belgium	-	-	-	12	-	-
		France	-	-	-	25	-	-
All other		United States	283	47	3.1	844	115	10.0
		United Kingdom	65	-	.4	203	-	1.2
		Belgium	49	-	-	102	-	-
		France	-	-	-	6	-	-
		Sweden	-	10	-	-	10	-
Wire rods, not over $\frac{3}{8}$ " in diameter		United States	25	-	-	81	-	-
		United Kingdom	56	-	-	280	-	-
Welding wire and welding rods		United States	2	84	-	4	219	-
		United Kingdom	-	-	-	-	1	-
Axles - For railway vehicles		United States	20	-	-	20	-	-
Tires - For railway rolling stock		United States	186	-	-	339	-	-
		United Kingdom	77	-	-	104	-	-
Wheels - For railway rolling stock		United States	1,412	-	-	2,795	-	-
		United Kingdom	114	-	-	347	-	-
Rails -								
60 lb. and under		United States	3	-	-	18	-	-
		Belgium	25	-	-	74	-	-
		Germany	-	-	-	17	-	-
Over 60 lb. and including 100 lb. ...		United States	53	-	-	256	-	-
		United Kingdom	3,869	-	-	3,869	-	-
Over 100 lb.		United States	-	-	-	2,129	-	-
Track material -								
Fish plates, angle bars, etc.		United States	279	-	-	1,073	-	-
		United Kingdom	31	-	-	31	-	-
		Belgium	2	-	-	4	-	-
		Germany	-	-	-	1	-	-
Switch points, etc.		United States	6	-	-	10	-	-
Total imports		United States	63,445	3,335	453.6	168,636	8,469	1314.5
		All other	16,923	177	160.9	36,546	580	391.4
TOTAL			80,368	3,512	614.5	205,182	9,049	1705.9

Table 14 - Exports of Primary Iron and Steel, March, 1955, and Year to Date

	March, 1955		Year to date	
	(Tons of 2,000 pounds)			
Pig iron	217		614	
Ingots, blooms and billets	8,363		34,306	
Bars	614		1,562	
Rods	1,109		4,668	
Plates, sheets and strips	16,342		24,119	
Rails	-		20,749	
Structural shapes	48		311	
Pipe and tubing - Wrought iron	1		1	
Cast iron	18		53	
Galvanized	550		589	
Other	14		44	
Castings, iron and steel	1,431		3,670	
Forgings	469		1,175	
Total	29,176		91,861	



PRIMARY IRON AND STEEL

APRIL, 1955



Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-45

Price \$2.00 per year
25 cents per copy

Vol. 10—No. 4

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 272,187 tons in April, 1955, compared with 194,307 tons in the corresponding month of last year. The total for the current month included 227,943 tons of basic iron, 13,640 tons of malleable iron and 30,604 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during April, 1955, totalled 260,754 tons compared with 255,796 tons in April of last year. Output in the month under review included 353,377 tons of ingots and 7,377 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During April, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	136,381	1,320	227,943	2,328
Foundry	25,167	13,731	30,604	13,972
Malleable	32,759	28,356	13,640	32,075
Total pig iron	194,307	43,407	272,187	48,375
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

Stocks of pig iron on hand at the end
of the month

207,841

164,548

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Four Months Ended April, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	612,342	7,321	821,161	6,184
Foundry	73,843	43,254	61,576	36,402
Malleable	105,934	50,872	79,718	63,482
Total pig iron	792,119	101,447	962,455	106,068
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During April and Four Months Ended April, 1954 and 1955

	April		Four months ended April	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	75,071	113,071	327,736	383,857
Imported	251,849	309,470	1,042,112	1,188,582
Mill cinder, scale, sinter, etc.	52,338	98,069	194,895	283,129
Limestone	71,998	89,674	296,145	321,303
Dolomite	20,973	24,580	85,481	96,311
Coke	172,615	233,781	716,184	848,640
Scrap iron and steel	6,890	9,764	22,179	35,617

Table 4 - Description of Iron Blast Furnaces at End of April, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,296,450	86.3
Banked	-	-	-
Blown out	4	521,550	13.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During April, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	216,619	66	314,146	16,211
Electric	31,253	32	39,231	-
Total steel ingots	247,872	98	353,377	16,211
Alloy steel ingots included in above	6,592	66	17,805	-
<u>Steel castings</u>				
Open hearth - basic	2,404	2,023	2,407	2,127
Converter	3	-	8	7
Electric	5,517	4,066	4,962	3,455
Total steel castings	7,924	6,089	7,377	5,589
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	408	397	195	148
(b) High alloy, manganese and abrasion resistant	940	913	1,047	1,080
(c) All other alloys	810	36	526	288

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Four Months Ended April, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	916,104	373	1,208,373	16,552
Electric	121,535	32	147,380	36
Total steel ingots	1,037,639	405	1,355,753	16,588
Alloy steel ingots included in above	43,520	66	66,287	15
<u>Steel castings</u>				
Open hearth - basic	9,132	7,870	9,397	8,541
Converter	12	-	12	7
Electric	24,114	18,501	18,257	13,473
Total steel castings	33,258	26,371	27,666	22,021
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,402	1,287	764	645
(b) High alloy, manganese and abrasion resistant	3,209	3,047	4,374	4,102
(c) All other alloys	3,423	632	1,811	1,149

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, April, 1954 and 1955, and Four Months Ended April, 1955

	April 1954	April 1955	Four months ended April, 1955
	(Net tons of 2,000 pounds)		
Pig iron	142,198	210,511	818,495
Scrap - Own make	80,433	119,459	388,513
Purchased	48,738	91,188	311,001

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings ...	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
1 9 5 4					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
1 9 5 5					
January	199,464		310,853	5,961	316,814
February	215,075		314,706	6,547	321,253
March	275,729	22,420 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	260,754
Total four months ..	962,455		1,355,753	27,666	1,383,419

- (1) First quarter.
(2) Second quarter.
(3) Third quarter.
(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 287,600 net tons in April, 1955, compared with 215,836 tons in April, 1954. The April, 1955, shipments included 33,968 tons of semi-finished shapes, 14,647 tons of structurals, 23,050 tons of plates, 14,091 tons of rails, 11,297 tons of tie plates and track material, 34,749 tons of hot rolled bars, 18,665 tons of pipes and tubes, 31,787 tons of wire rods, 40,223 tons of black sheets, 10,466 tons of galvanized sheets, 7,361 tons of castings and 47,296 tons of other rolled products. The amount of producers' interchange was 131,756 tons in April, 1955, as against 92,606 tons in April, 1954.

Of the amounts shipped for sale during April, 32,956 tons went direct to railways and railway car shops; 19,556 tons went to pressing, forming and stamping plants; 38,306 tons to merchant trade products; 39,180 tons to building construction; 26,889 tons to the containers industry; 5,421 tons to agricultural equipment; 18,474 tons to the automotive industry; 17,497 tons to machinery plants; 860 tons to shipbuilding; 9,144 tons to mining, lumbering, etc., and 4,756 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 36,229 tons, and exports for 38,332 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 131,756 tons in April, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, April, 1955

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	9,998	7,890	1,143
Other semi-finished shapes, not for re-rolling by makers	41,482	25,356	14,106
Structural shapes and piling	12,558	14,647	-
Plates	23,382	22,955	24
Rails	18,592	14,091	-
Tie plates and track material: Splice bars	2,141	2,386	-
Tie plates	7,830	7,055	-
Spikes	1,734	1,856	-
Concrete reinforcing bars	12,086	11,946	-
Hot rolled bars for cold finishing	1,459	-	1,423
Other hot rolled bars	36,573	28,018	9,127
Pipes and tubes	20,242	18,665	-
Wire rods	30,714	31,669	283
Hot rolled black sheets	81,360	22,816	57,838
Cold reduced black sheets	21,916	17,407	5,661
Cold reduced strip	2,721	2,164	427
Galvanized sheets	9,810	10,466	-
Steel castings	5,465	5,651	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	79,074	31,580	41,049
Total carbon steel	419,137	276,618	131,081
<u>Alloy steel</u>			
Billets, etc., for forging	764	722	-
Other semi-finished shapes, not for re-rolling by makers	649	-	649
Plates	96	95	-
Other hot rolled bars	6,130	6,731	26
Wire rods	70	118	-
Steel castings	1,648	1,710	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,821	1,606	-
Total alloy steel	11,178	10,982	675

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Four Months Ended April, 1955

	P r o d u c t i o n (Including producers' interchange)	S h i p m e n t s For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	40,412	30,104	9,472
Other semi-finished shapes, not for re-rolling by makers	104,220	50,896	45,772
Structural shapes and piling	45,729	46,387	-
Plates	79,925	78,204	224
Rails	59,538	63,700	-
Tie plates and track material: Splice bars	4,064	4,799	431
Tie plates	22,400	20,281	-
Spikes	4,717	4,721	-
Concrete reinforcing bars	47,005	44,557	-
Hot rolled bars for cold finishing	5,620	-	5,636
Other hot rolled bars	144,592	118,920	20,685
Pipes and tubes	77,953	70,612	-
Wire rods	106,746	106,193	798
Hot rolled black sheets	324,871	79,895	239,416
Cold reduced black sheets	97,947	72,305	28,186
Cold reduced strip	11,266	8,698	1,435
Galvanized sheets	38,733	38,745	17
Steel castings	20,316	18,579	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	308,037	128,641	154,359
Total carbon steel	1,544,091	986,237	506,431
<u>Alloy steel</u>			
Billets, etc., for forging	2,928	2,939	-
Other semi-finished shapes, not for re-rolling by makers	2,117	-	2,117
Plates	224	153	-
Other hot rolled bars	26,859	27,523	100
Wire rods	486	452	-
Steel castings	6,609	6,092	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	6,188	6,348	-
Total alloy steel	45,411	43,507	2,217

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Primary Iron and Steel

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Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, April, 1955, and Year to Date

	April, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	11,869	6,605	58,309	27,032
Agricultural, including farm machinery	5,288	133	28,653	421
Building construction	39,134	46	126,150	194
Containers industry	26,883	6	103,095	43
Machinery and tools	16,527	970	60,226	3,682
Merchant trade products	37,944	362	128,497	1,338
Mining, lumbering, etc.	8,126	1,018	36,464	3,812
National defence	1,131	317	6,315	1,287
Pressing, forming and stamping	19,458	98	71,930	336
Public works and utilities	1,497	74	5,338	249
Railway operating	26,421	69	72,265	403
Railway cars and locomotives	6,175	291	33,635	1,009
Shipbuilding	828	32	4,569	151
Miscellaneous and unclassified	1,521	216	5,975	582
Wholesalers and warehouses	36,046	183	132,715	881
Direct export (a) to British Empire	5,523	168	36,062	387
(b) to other countries	32,247	394	76,039	1,700
Total shipped for sale	276,618	10,982	986,237	43,507
Producers' interchange	131,081	675	506,431	22,217

Table 13 - Imports of Primary Forms of Iron and Steel, April, 1955, and Year to Date

Commodity	Country of origin	April, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	57	-	-	949	-	-
Foundry	United States	49	-	-	156	-	-
Ingots	United States	61	109	-	282	491	-
Billets, blooms, slabs and sheet bars..	United States	34	105	7.3	385	296	49.8
	United Kingdom	-	3	-	2	18	-
Bars and sections -							
Hot rolled, n.o.p.	United States	2,429	94	5.9	9,940	726	55.9
	United Kingdom	87	73	6.6	360	165	44.1
	Belgium	339	-	-	1,804	-	-
	France	16	-	-	22	-	-
	Japan	2,194	-	-	3,178	-	-
Hot rolled -							
For agricultural implements	United States	523	84	-	1,591	118	-
Rounds over 4 $\frac{7}{8}$ " , squares over 4" ..	United States	88	6	-	425	20	-
	United Kingdom	1	-	.5	145	14	.5
Angles, channels, etc.	United States	608	-	4.1	2,327	-	14.3
	United Kingdom	5	-	-	102	-	1.2
	Belgium	310	-	-	514	-	-
	France	28	-	-	28	-	-
	Sweden	-	-	2.2	-	-	2.2
Structurals (bar sizes) for							
agricultural implements	United States	196	-	-	216	-	-
Sash or casement sections	United States	153	-	-	668	-	-
	United Kingdom	1	-	-	63	-	-
	Belgium	-	-	-	44	-	-
Cold finished, n.o.p.	United States	293	220	22.2	1,574	389	46.6
	United Kingdom	150	-	4.3	362	-	29.4
	Belgium	66	-	-	122	-	-
	Sweden	-	2	-	16	2	-
	Germany	2	-	-	2	-	-
Cold finished, for agricultural							
implements	United States	77	-	-	801	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, April, 1955, and Year to Date (Continued)

Commodity	Country of origin	April, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Tool steel	United States	30	42	-	53	178	-
	United Kingdom	15	43	-	39	360	-
	Germany	-	-	-	-	2	-
	Austria	-	11	-	-	32	-
Structurals -							
W.F. beams, 8" and over	United States	10,438	-	-	59,625	-	-
	United Kingdom	-	-	-	782	-	-
	Belgium	198	-	-	503	-	-
	France	116	-	-	116	-	-
W.F. beams, under 8"	United States	361	-	-	1,528	-	-
Sheet piling	United States	108	-	-	1,496	-	-
	Germany	46	-	-	46	-	-
	All other	United States	4,068	-	-	16,221	-
	United Kingdom	65	-	-	182	-	-
	Belgium	2,447	-	-	2,638	-	-
	France	1,193	-	-	1,193	-	-
Plates -							
78" and under in width	United States	2,049	13	49.6	8,437	38	275.6
	United Kingdom	157	-	11.4	697	-	66.6
	Japan	401	-	-	3,684	-	-
Over 78" and under 100" in width	United States	1,409	-	21.6	5,861	-	46.3
	United Kingdom	230	-	-	326	-	-
	Japan	-	-	-	19	-	-
100" in width and over	United States	605	-	3.5	2,708	-	3.5
Flanged, dished or curved	United States	144	-	-	483	-	-
Boiler, pulp-mill digesters	United States	354	-	-	1,342	-	-
Chequered or surface pattern	United States	911	-	-	3,292	-	-
Sheets -							
Silicon .075 or more	United States	-	1,337	-	-	4,664	-
Galvanized	United States	2,093	-	-	7,023	-	-
	United Kingdom	63	-	-	108	-	-
	Japan	-	-	-	5	-	-
Corrugated	United States	635	-	-	1,847	-	-
	United Kingdom	-	-	-	33	-	-
Hot rolled -							
18 gauge and heavier	United States	2,889	15	1.5	10,118	63	10.5
	United Kingdom	2	-	65.2	206	-	131.9
	Sweden	2	-	48.4	2	-	54.3
Lighter than 18 gauge	United States	-	3	-	8	13	4.2
	United Kingdom	-	-	-	-	-	24.9
	Sweden	-	-	.4	-	-	.6
Cold rolled -							
18 gauge and heavier	United States	383	-	79.3	1,925	12	299.6
	United Kingdom	-	-	36.0	25	-	114.2
Lighter than 18 gauge	United States	970	-	184.6	3,112	15	524.0
	United Kingdom	28	-	.7	95	-	43.5
For motor vehicles	United States	2,549	-	-	7,243	-	-
For hollow ware (vitreous enamel) ...	United States	632	-	-	2,464	-	-
	United Kingdom	156	-	-	177	-	-
Coated with paint,tar,asphaltum,etc..	United States	91	-	-	344	-	-
For saws	United States	-	50	-	-	232	-
	United Kingdom	-	-	-	-	8	-
Tin mill black plate	United States	-	-	-	79	-	-
Tin plate - Primes	United States	3	-	-	106	-	-
	United Kingdom	-	-	-	30	-	-
Tin plate - Electrolytic coating	United States	704	-	-	815	-	-
Terne plate - Long	United States	540	-	-	2,049	-	-
	Short	64	-	-	290	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	345	10	-	1,697	10	-
	United Kingdom	-	-	-	6	-	-
	Belgium	37	-	-	37	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, April, 1955, and Year to Date (Continued)

Commodity	Country of origin	April, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Strip (concluded) -							
Hot rolled (concluded) -							
Lighter than 18 gauge	United States	-	-	-	25	-	-
Cold rolled -							
18 gauge and heavier	United States	164	8	4.9	667	90	53.3
	United Kingdom	24	-	-	24	-	-
Lighter than 18 gauge	United States	285	11	93.6	1,017	48	299.2
	United Kingdom	33	-	-	38	-	-
	Sweden	-	21	-	23	79	1.6
	Germany	-	-	-	11	-	-
	Netherlands	3	-	-	3	-	-
Hot rolled strip for cold rolling ...	United States	-	-	-	53	-	-
For saws	United States	24	69	-	57	226	-
	United Kingdom	-	4	-	-	11	-
	Sweden	-	9	-	-	34	-
For motor vehicles	United States	741	-	-	2,321	-	-
For hoops	United States	75	-	-	198	-	-
	United Kingdom	17	-	-	18	-	-
Coated with paint,tar,asphaltum,etc..	United States	637	-	-	2,481	-	-
	United Kingdom	5	-	-	8	-	-
	Germany	-	-	-	3	-	-
For butt hinges	United States	51	-	-	219	-	-
	United Kingdom	3	-	-	38	-	-
Galvanized	United States	354	-	-	1,533	-	-
	United Kingdom	24	-	-	46	-	-
	Belgium	-	-	-	3	-	-
	Germany	-	-	-	2	-	-
Silicon .075 or more	United States	-	439	-	-	1,888	-
Skelp -							
15 $\frac{3}{8}$ " and under in width	United States	2,544	-	-	15,497	-	-
	Germany	-	-	-	1,494	-	-
Over 15 $\frac{3}{8}$ " in width	United States	1,486	-	-	3,504	-	-
Pipes and tubes -							
Spiral weld pipe	United States	48	-	-	408	-	-
Cast	United States	15	-	-	319	-	-
	United Kingdom	1,065	-	-	4,255	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	148	55	-	426	90	-
	United Kingdom	206	-	-	452	-	-
	Germany	24	-	-	24	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	8	3	-	100	13	.5
	United Kingdom	88	-	-	197	-	-
	Sweden	-	-	-	-	-	6.1
Welded	United States	195	-	-	713	-	-
	United Kingdom	35	-	-	632	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	605	44	63.9	1,862	284	133.8
	United Kingdom	115	2	24.8	573	8	58.9
	Sweden	-	42	2.2	154	42	18.8
Hot finished	United States	322	87	-	1,335	197	.6
	United Kingdom	271	-	-	1,067	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	83	-	-	1,098	4	-
	United Kingdom	8	-	-	176	-	-
Welded, 4" and under in diameter...	United States	484	150	5.8	2,843	988	27.0
	United Kingdom	93	-	-	555	-	.2
	France	36	-	-	208	-	-
	Belgium	-	-	-	49	-	-
	Germany	2	-	-	42	-	-
Welded, over 4" in diameter	United States	190	-	2.6	617	-	4.3
Conduit	United States	105	-	-	414	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, April, 1955, and Year to Date (Continued)

Commodity	Country of origin	April, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -							
Casings	United States	1,775	-	-	10,194	-	-
	United Kingdom	219	-	-	2,504	-	-
	Germany	159	-	-	1,555	-	-
	Italy	569	-	-	1,024	-	-
	Japan	1,377	-	-	5,794	-	-
	France	1,788	-	-	3,825	-	-
	Belgium	70	-	-	70	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	23	-	-	89	-	-
Wire rope							
	United States	42	-	-	93	-	.1
	United Kingdom	147	-	-	604	-	-
	Germany	29	-	-	136	-	-
	Belgium	11	-	-	40	-	-
	Holland	24	-	-	171	-	-
	Japan	-	-	-	1	-	-
	Norway	23	-	-	23	-	-
	Netherlands	-	-	-	54	-	-
Wire -							
For rope	United States	421	-	.8	1,166	-	2.5
	United Kingdom	881	-	-	3,116	-	-
	Germany	-	-	-	40	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	43	-	-	174	-	-
	United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc..	United States	10	-	-	19	-	-
Coated or covered	United States	31	-	-	97	-	-
	United Kingdom	24	-	-	85	-	-
	Belgium	-	-	-	12	-	-
	France	-	-	-	25	-	-
	Germany	1	-	-	1	-	-
All other	United States	314	38	4.9	1,158	153	14.9
	United Kingdom	31	-	-	234	-	1.2
	Belgium	-	-	-	102	-	-
	France	-	-	-	6	-	-
	Sweden	5	-	1.0	5	10	1.0
	Japan	88	-	-	88	-	-
	Holland	10	-	-	10	-	-
Wire rods, not over 3/8" in diameter	United States	118	-	-	199	-	-
	United Kingdom	-	-	-	280	-	-
Welding wire and welding rods	United States	2	77	-	6	296	-
	United Kingdom	-	-	-	-	1	-
Axles - For railway rolling stock							
	United States	-	-	-	20	-	-
Tires - For railway rolling stock							
	United States	164	-	-	503	-	-
	United Kingdom	201	-	-	305	-	-
Wheels - For railway rolling stock							
	United States	153	-	-	2,948	-	-
	United Kingdom	331	-	-	678	-	-
Rails -							
60 lb. and under	United States	29	-	-	47	-	-
	Belgium	40	-	-	114	-	-
	Germany	-	-	-	17	-	-
Over 60 lb. and including 100 lb. ...	United States	41	-	-	297	-	-
	United Kingdom	1,500	-	-	5,369	-	-
Over 100 lb.	United States	-	-	-	2,129	-	-
	United Kingdom	20	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	132	-	-	1,205	-	-
	United Kingdom	302	-	-	333	-	-
	Belgium	2	-	-	6	-	-
	Germany	-	-	-	1	-	-
Switch points, etc.	United States	10	-	-	20	-	-
Total imports	United States	48,915	3,069	558.1	217,551	11,538	1872.6
	All other	18,259	210	203.7	54,805	790	595.1
TOTAL		67,174	3,279	761.8	272,356	12,328	2467.7

Table 14 - Exports of Primary Iron and Steel, April, 1955, and Year to Date

	April, 1955	Year to date
	(Tons of 2,000 pounds)	
Pig iron	528	1,142
Ingots, blooms and billets	26,520	60,826
Bars	901	2,463
Rods	125	4,793
Plates, sheets and strips	5,984	30,103
Rails	-	20,749
Structural shapes	154	465
Pipe and tubing - Wrought iron	-	1
Cast iron	152	205
Galvanized	430	1,019
Other	62	107
Castings, iron and steel	1,069	4,739
Forgings	311	1,486
Total	36,236	128,097



PRIMARY IRON AND STEEL

MAY, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-55

Price \$2.00 per year
25 cents per copy

Vol. 10—No. 5

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 284,076 tons in May, 1955, compared with 178,742 tons in the corresponding month of last year. The total for the current month included 231,948 tons of basic iron, 5,480 tons of malleable iron and 46,648 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during May, 1955, totalled 378,877 tons compared with 260,351 tons in May of last year. Output in the month under review included 371,808 tons of ingots and 7,069 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During May, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
<u>Pig iron -</u>	(Net tons of 2,000 pounds)			
Basic	136,645	637	231,948	2,998
Foundry	16,101	12,791	5,480	15,642
Malleable	25,996	35,675	46,648	41,557
Total pig iron	178,742	49,103	284,076	60,197
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at the end of the month	221,579		162,929	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Five Months Ended May, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
<u>Pig iron -</u>	(Net tons of 2,000 pounds)			
Basic	748,987	7,958	1,053,109	9,182
Foundry	89,944	56,045	67,056	52,044
Malleable	131,930	86,547	126,366	105,039
Total pig iron	970,861	150,550	1,246,531	166,265
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During May and Five Months Ended May, 1954 and 1955

	May		Five months ended May	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	68,286	125,182	396,022	509,039
Imported	228,179	331,585	1,270,291	1,520,167
Mill cinder, scale, sinter, etc.	50,786	90,958	245,681	374,087
Limestone	64,309	95,728	360,454	417,031
Dolomite	20,376	23,810	105,857	120,121
Coke	158,415	243,205	874,599	1,091,845
Scrap iron and steel	8,305	12,740	30,484	48,357

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Table 4 - Description of Iron Blast Furnaces at End of May, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,296,450	86.3
Banked	-	-	-
Blown out	4	521,550	13.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During May, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic	219,328	117	326,317	17,025
Electric	33,660	19	45,491	21
Total steel ingots	252,988	136	371,808	17,046
Alloy steel ingots included in above	12,688	-	15,981	-
<u>Steel castings</u>				
Open hearth - basic	2,431	2,098	2,297	2,034
Converter	11	-	3	-
Electric	4,921	3,864	4,769	3,896
Total steel castings	7,363	5,962	7,069	5,930
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	339	309	180	161
(b) High alloy, manganese and abrasion resistant	765	802	1,095	1,122
(c) All other alloys	790	180	400	274

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Five Months Ended May, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic	1,135,432	490	1,534,690	33,577
Electric	155,195	51	192,871	57
Total steel ingots	1,290,627	541	1,727,561	33,634
Alloy steel ingots included in above	56,208	66	82,268	15
<u>Steel castings</u>				
Open hearth - basic	11,563	9,968	11,694	10,575
Converter	23	-	15	7
Electric	29,035	22,365	23,026	17,369
Total steel castings	40,621	32,333	34,735	27,951
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,741	1,596	944	806
(b) High alloy, manganese and abrasion resistant	3,974	3,849	5,469	5,224
(c) All other alloys	4,213	812	2,211	1,423

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

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Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, May, 1954 and 1955, and Five Months Ended May, 1955

	May 1954	May 1955	Five months ended May, 1955
	(Net tons of 2,000 pounds)		
Pig iron	138,425	225,186	1,043,681
Scrap - Own make	83,329	100,157	488,670
Purchased	51,982	79,865	390,866

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		Total steel
			Ingots	Castings	
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999	26,000 (1)	290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763		240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742	27,804 (2)	252,988	7,363	260,351
June	167,211		264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895	29,024 (4)	274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634		269,329	5,743	275,072
Total	2,213,433		109,833	3,113,822	80,300
<u>1 9 5 5</u>					
January	199,464	22,420 (1)	310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729		376,866	7,748	384,614
April	272,187		353,377	7,377	260,754
May	284,076	22,420	371,808	7,069	378,877
Total five months ..	1,246,531		1,727,561	34,735	1,762,296

- (1) First quarter.
(2) Second quarter.
(3) Third quarter.
(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 328,462 net tons in May, 1955, compared with 217,051 tons in May, 1954. The May, 1955, shipments included 34,189 tons of semi-finished shapes, 12,837 tons of structurals, 27,700 tons of plates, 22,029 tons of rails, 13,071 tons of tie plates and track material, 42,463 tons of hot rolled bars, 28,175 tons of pipes and tubes, 33,773 tons of wire rods, 38,167 tons of black sheets, 10,383 tons of galvanized sheets, 7,094 tons of castings, and 58,581 tons of other rolled products. The amount of producers' interchange was 150,420 tons in May, 1955, as against 109,792 tons in May, 1954.

Of the amounts shipped for sale during May, 35,968 tons went direct to railways and railway car shops; 18,468 tons went to pressing, forming and stamping plants; 38,791 tons to merchant trade products; 50,754 tons to building construction; 27,433 tons to the containers industry; 7,492 tons to agricultural equipment; 20,637 tons to the automotive industry; 18,116 tons to machinery plants; 1,504 tons to ship-building; 16,945 tons to mining, lumbering, etc., and 6,849 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 39,124 tons, and exports for 46,381 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 150,420 tons in May, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, May, 1955

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	11,536	9,146	1,883
Other semi-finished shapes, not for re-rolling by makers	41,146	23,889	18,554
Structural shapes and piling	13,065	12,837	1
Plates	27,342	27,614	-
Rails	20,915	22,029	-
Tie plates and track material: Splice bars	2,161	2,205	-
Tie plates	7,957	9,097	-
Spikes	1,758	1,769	-
Concrete reinforcing bars	20,806	19,405	-
Hot rolled bars for cold finishing	2,650	-	2,649
Other hot rolled bars	45,469	35,807	8,300
Pipes and tubes	28,492	28,175	-
Wire rods	33,188	33,667	241
Hot rolled black sheets	86,460	22,683	60,811
Cold reduced black sheets	24,231	15,484	7,787
Cold reduced strip	3,318	2,449	760
Galvanized sheets	10,487	10,383	-
Steel castings	5,057	5,375	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	83,261	35,199	49,397
Total carbon steel	474,299	317,213	150,383
<u>Alloy steel</u>			
Billets, etc., for forging	1,078	1,154	-
Other semi-finished shapes, not for re-rolling by makers	-	-	-
Plates	29	86	-
Other hot rolled bars	7,387	6,656	37
Wire rods	117	106	-
Steel castings	1,768	1,719	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,557	1,528	-
Total alloy steel	11,936	11,249	37

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Five Months Ended May, 1955

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	51,948	39,250	11,355
Other semi-finished shapes, not for re-rolling by makers	145,366	74,785	64,326
Structural shapes and piling	58,794	59,224	1
Plates	107,267	105,818	224
Rails	80,453	85,729	-
Tie plates and track material: Splice bars	6,225	7,004	431
Tie plates	30,357	29,378	-
Spikes	6,475	6,490	-
Concrete reinforcing bars	67,811	63,962	-
Hot rolled bars for cold finishing	8,270	-	8,285
Other hot rolled bars	190,061	154,727	28,985
Pipes and tubes	106,445	98,787	-
Wire rods	139,934	139,860	1,039
Hot rolled black sheets	411,331	102,578	300,227
Cold reduced black sheets	122,178	87,789	35,973
Cold reduced strip	14,584	11,147	2,195
Galvanized sheets	49,220	49,128	17
Steel castings	25,373	23,954	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	396,298	163,840	203,756
Total carbon steel	2,018,390	1,303,450	656,814

Alloy steel

Billets, etc., for forging	4,006	4,093	-
Other semi-finished shapes, not for re-rolling by makers	2,117	-	2,117
Plates	253	239	-
Other hot rolled bars	34,246	34,179	137
Wire rods	603	558	-
Steel castings	8,377	7,811	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	7,745	7,876	-
Total alloy steel	57,347	54,756	2,254

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Primary Iron and Steel

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Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, May, 1955, and Year to Date

	May, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	14,649	5,988	72,958	33,020
Agricultural, including farm machinery	7,299	193	35,952	614
Building construction	50,719	35	176,869	229
Containers industry	27,425	8	130,520	51
Machinery and tools	16,916	1,200	77,142	4,882
Merchant trade products	38,541	250	167,038	1,588
Mining, lumbering, etc.	15,933	1,012	52,397	4,824
National defence	2,330	340	8,645	1,627
Pressing, forming and stamping	18,401	67	90,331	403
Public works and utilities	2,684	49	8,022	298
Railway operating	28,531	162	100,796	565
Railway cars and locomotives	7,105	170	40,740	1,179
Shipbuilding	1,485	19	6,054	170
Miscellaneous and unclassified	1,085	361	7,060	943
Wholesalers and warehouses	38,797	327	171,512	1,208
Direct export (a) to British Empire	2,211	317	38,273	704
(b) to other countries	43,102	751	119,141	2,451
Total shipped for sale	317,213	11,249	1,303,450	54,756
Producers' interchange	150,383	37	656,814	22,254

Table 13 - Imports of Primary Forms of Iron and Steel, May, 1955, and Year to Date

Commodity	Country of origin	May, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	281	-	-	1,230	-	-
Foundry	United States	-	-	-	156	-	-
Ingot	United States	150	155	-	432	646	-
Billets, blooms, slabs and sheet bars ..	United States	-	50	-	385	346	49.8
	United Kingdom	-	4	-	2	22	-
Bars and sections -							
Hot rolled, n.o.p.	United States	1,700	217	2.3	11,640	943	58.2
	United Kingdom	115	70	17.1	475	235	61.2
	Belgium	2,410	-	-	4,214	-	-
	France	127	-	-	149	-	-
	Japan	-	-	-	3,178	-	-
	Sweden	1	-	-	1	-	-
Hot rolled -							
For agricultural implements	United States	398	50	-	1,989	168	-
Rounds over 4 1/2", squares over 4" ...	United States	68	3	-	493	23	-
	United Kingdom	37	-	-	182	14	.5
Angles, channels, etc.	United States	638	-	8.5	2,965	-	22.8
	United Kingdom	25	-	1.4	127	-	2.6
	Belgium	180	-	-	694	-	-
	France	71	-	-	99	-	-
	Sweden	-	-	-	-	-	2.2
Structurals (bar sizes) for							
agricultural implements	United States	45	-	-	261	-	-
Sash or casement sections	United States	103	-	-	771	-	-
	United Kingdom	22	-	-	85	-	-
	Belgium	31	-	-	75	-	-
Cold finished, n.o.p.	United States	202	39	8.2	1,776	428	54.8
	United Kingdom	88	-	1.4	450	-	30.8
	Belgium	111	-	-	233	-	-
	Sweden	-	15	-	16	17	-
	Germany	-	-	-	2	-	-
Cold finished, for agricultural							
implements	United States	168	-	-	969	-	-
Tool steel	United States	5	60	-	58	238	-
	United Kingdom	10	25	-	49	385	-
	Germany	-	-	-	-	2	-
	Austria	-	-	-	-	32	-

Table 13 - Imports of Primary Forms of Iron and Steel, May, 1955, and Year to Date (Continued)

Commodity	Country of origin	May, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Structurals -							
W.F. beams, 8" and over	United States	12,320	-	-	71,945	-	-
	United Kingdom	308	-	-	1,090	-	-
	Belgium	1,076	-	-	1,579	-	-
	France	172	-	-	288	-	-
W.F. beams, under 8"	United States	549	-	-	2,077	-	-
	Belgium	43	-	-	43	-	-
Sheet piling	United States	-	-	-	1,496	-	-
	United Kingdom	56	-	-	56	-	-
	Germany	710	-	-	756	-	-
	Belgium	429	-	-	429	-	-
All other	United States	4,718	-	-	20,939	-	-
	United Kingdom	200	-	-	382	-	-
	Belgium	1,555	-	-	4,193	-	-
	France	2,980	-	-	4,173	-	-
Plates -							
78" and under in width	United States	2,617	8	239.4	11,054	46	515.0
	United Kingdom	3,020	-	23.8	3,717	-	90.4
	Japan	291	-	-	3,975	-	-
Over 78" and under 100" in width	United States	2,118	-	16.6	7,979	-	62.9
	United Kingdom	370	-	-	696	-	-
	Japan	-	-	-	19	-	-
100" in width and over	United States	704	-	-	3,412	-	3.5
	United Kingdom	15	-	-	15	-	-
Flanged, dished or curved	United States	72	-	-	555	-	-
Boiler, pulp-mill digesters	United States	297	-	-	1,639	-	-
Chequered or surface pattern	United States	622	-	-	3,914	-	-
	United Kingdom	16	-	-	16	-	-
Sheets -							
Silicon .075 or more	United States	-	983	-	-	5,647	-
Galvanized	United States	1,540	-	-	8,563	-	-
	United Kingdom	49	-	-	157	-	-
	Japan	71	-	-	76	-	-
Corrugated	United States	510	-	-	2,357	-	-
	United Kingdom	6	-	-	39	-	-
Hot rolled -							
18 gauge and heavier	United States	3,299	1	1.2	13,417	64	11.7
	United Kingdom	31	-	29.2	237	-	161.1
	Sweden	-	-	24.8	2	-	79.1
Lighter than 18 gauge	United States	-	5	-	8	18	4.2
	United Kingdom	-	-	-	-	-	24.9
	Sweden	-	-	-	-	-	.6
Cold rolled -							
18 gauge and heavier	United States	699	-	85.7	2,624	12	385.3
	United Kingdom	42	-	59.4	67	-	173.6
Lighter than 18 gauge	United States	971	-	164.6	4,083	15	688.6
	United Kingdom	173	-	16.2	268	-	59.7
	France	1	-	-	1	-	-
For motor vehicles	United States	2,074	-	-	9,317	-	-
For hollow ware (vitreous enamel) ...	United States	713	-	-	3,177	-	-
	United Kingdom	329	-	-	506	-	-
Coated with paint, tar, asphaltum, etc..	United States	94	-	-	438	-	-
For saws	United States	-	62	-	-	294	-
	United Kingdom	-	6	-	-	14	-
	United States	-	-	-	79	-	-
Tin mill black plate	United States	3,230	-	-	3,336	-	-
Tin plate - Primes	United Kingdom	7	-	-	37	-	-
Tin plate - Electrolytic coating	United States	390	-	-	1,205	-	-
Terne plate - Long	United States	410	-	-	2,459	-	-
Short	United States	134	-	-	424	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, May, 1955, and Year to Date (Continued)

Commodity	Country of origin	May, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Strip -							
Hot rolled -							
18 gauge and heavier	United States	383	-	-	2,080	10	-
	United Kingdom	-	-	-	6	-	-
	Belgium	29	-	-	66	-	-
	France	32	-	-	32	-	-
Lighter than 18 gauge	United States	-	-	-	25	-	-
Cold rolled -							
18 gauge and heavier	United States	167	21	34.5	834	111	87.8
	United Kingdom	-	-	-	24	-	-
Lighter than 18 gauge	United States	250	6	108.1	1,267	54	407.3
	United Kingdom	87	-	-	125	-	-
	Sweden	-	18	-	23	97	1.6
	Germany	-	-	-	11	-	-
	Netherlands	-	-	-	3	-	-
Hot rolled strip for cold rolling ...	United States	44	-	-	97	-	-
For saws	United States	-	40	-	57	266	-
	United Kingdom	-	1	-	-	12	-
	Sweden	-	10	-	-	44	-
For motor vehicles	United States	749	-	-	3,070	-	-
For hoops	United States	19	-	-	217	-	-
	United Kingdom	42	-	-	60	-	-
	Sweden	1	-	-	1	-	-
Coated with paint, tar, asphaltum, etc..	United States	852	-	-	3,333	-	-
	United Kingdom	11	-	-	19	-	-
	Germany	-	-	-	3	-	-
For butt hinges	United States	76	-	-	295	-	-
	United Kingdom	-	-	-	38	-	-
Galvanized	United States	411	-	-	1,944	-	-
	United Kingdom	2	-	-	48	-	-
	Belgium	-	-	-	3	-	-
	Germany	-	-	-	2	-	-
Silicon .075 or more	United States	-	684	-	-	2,572	-
Skelp -							
15 ³ / ₈ " and under in width	United States	5,524	-	-	21,021	-	-
	Germany	-	-	-	1,494	-	-
Over 15 ³ / ₈ " in width	United States	698	-	-	4,202	-	-
Pipes and tubes -							
Spiral weld pipe	United States	110	-	-	518	-	-
Cast	United States	3	-	-	322	-	-
	United Kingdom	3,024	-	-	7,279	-	-
	France	241	-	-	241	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	120	13	-	546	103	-
	United Kingdom	187	-	-	639	-	-
	Germany	38	-	-	62	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	109	2	-	209	15	.5
	United Kingdom	148	-	-	345	-	-
	Sweden	2	-	-	2	-	6.1
Welded	United States	17	-	-	730	-	-
	United Kingdom	71	-	-	703	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	507	152	14.7	2,369	436	148.5
	United Kingdom	64	1	15.4	637	9	74.3
	Sweden	1	83	.3	154	125	19.1
Hot finished	United States	136	7	-	1,471	204	.6
	United Kingdom	1,626	-	-	2,693	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	165	-	-	1,263	4	-
	United Kingdom	5	-	-	181	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, May, 1955, and Year to Date (Continued)

Commodity	Country of origin	May, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -							
Seamless, over 12" in diameter (concluded)-							
Welded, 4" and under in diameter...	United States	470	74	4.4	3,313	1,062	31.4
	United Kingdom	280	-	-	835	-	.2
	France	-	-	-	208	-	-
	Belgium	-	-	-	49	-	-
	Germany	29	-	-	71	-	-
Welded, over 4" in diameter	United States	110	-	1.8	727	-	6.1
	United Kingdom	543	-	-	543	-	-
Conduit	United States	53	-	-	467	-	-
Casings	United States	2,843	-	-	13,037	-	-
	United Kingdom	121	-	-	2,625	-	-
	Belgium	-	-	-	70	-	-
	Germany	225	-	-	1,810	-	-
	Italy	-	-	-	1,024	-	-
	Japan	2,074	-	-	7,868	-	-
	France	880	-	-	4,705	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	23	-	-	112	-	-
Wire rope	United States	12	-	.5	105	-	.6
	United Kingdom	180	-	-	784	-	-
	Germany	49	-	-	185	-	-
	Belgium	4	-	-	44	-	-
	Holland	48	-	-	219	-	-
	Japan	-	-	-	1	-	-
	Norway	-	-	-	23	-	-
	Netherlands	-	-	-	54	-	-
Wire - For rope	United States	486	-	.2	1,652	-	2.7
	United Kingdom	718	-	-	3,834	-	-
	Germany	-	-	-	40	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	83	-	-	257	-	-
	United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc.	United States	6	-	-	25	-	-
	United Kingdom	2	-	-	2	-	-
Coated or covered	United States	31	-	-	128	-	-
	United Kingdom	42	-	-	127	-	-
	Germany	1	-	-	2	-	-
	Belgium	3	-	-	15	-	-
	France	-	-	-	25	-	-
All other	United States	516	38	2.9	1,674	191	17.8
	United Kingdom	83	-	.1	317	-	1.3
	Belgium	25	-	-	127	-	-
	France	-	-	-	6	-	-
	Sweden	-	1	-	5	11	1.0
	Japan	-	-	-	88	-	-
	Holland	16	-	-	26	-	-
Wire rods, not over 3/8" in diameter	United States	42	-	-	241	-	-
	United Kingdom	169	-	-	449	-	-
Welding wire and welding rods	United States	1	123	-	7	419	-
	United Kingdom	-	-	-	-	1	-
Axles - For railway vehicles	United States	-	-	-	20	-	-
Tires - For railway rolling stock	United States	-	-	-	503	-	-
	United Kingdom	173	-	-	478	-	-
Wheels - For railway rolling stock	United States	-	-	-	2,948	-	-
	United Kingdom	400	-	-	1,078	-	-
Rails - 60 lb. and under	United States	78	-	-	125	-	-
	Belgium	31	-	-	145	-	-
	Germany	-	-	-	17	-	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, May, 1955, and Year to Date (Concluded)

Commodity	Country of origin	May, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Rails (concluded) -							
Over 60 lb. and including 100 lb. ...	United States	77	-	-	374	-	-
	United Kingdom	3,018	-	-	8,387	-	-
Over 100 lb.	United States	3	-	-	2,132	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	79	-	-	1,284	-	-
	United Kingdom	-	-	-	333	-	-
	Belgium	1	-	-	7	-	-
	Germany	-	-	-	1	-	-
Switch points, etc.	United States	13	-	-	33	-	-
Total imports	United States	57,105	2,793	693.6	274,656	14,331	2566.2
	All other	29,933	234	189.1	84,738	1,024	784.2
TOTAL		87,038	3,027	882.7	359,394	15,355	3350.4

Table 14 - Exports of Primary Iron and Steel, May, 1955, and Year to Date

	May, 1955	Year to date
	(Tons of 2,000 pounds)	
Pig iron	36,958	38,100
Ingots, blooms and billets	23,057	83,883
Bars	695	3,158
Rods	397	5,190
Plates, sheets and strips	7,172	37,275
Rails	7,028	27,777
Structural shapes	43	508
Pipe and tubing - Wrought iron	-	1
Cast iron	52	257
Galvanized	123	1,142
Other	3	110
Castings, iron and steel	1,049	5,788
Forgings	334	1,820
Total	76,911	205,009

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PRIMARY IRON AND STEEL

JUNE, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-65

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 6

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 275,049 tons in June, 1955, compared with 167,211 tons in the corresponding month of last year. The total for the current month included 216,683 tons of basic iron, 48,361 tons of malleable iron and 10,005 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during June, 1955, totalled 389,268 tons compared with 271,993 tons in June of last year. Output in the month under review included 381,367 tons of ingots and 7,901 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During June, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made [★]	Tonnage shipped	Tonnage made [★]	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	141,402	654	216,683	2,006
Foundry	7,127	9,795	10,005	13,726
Malleable	18,682	34,170	48,361	44,449
Total pig iron	167,211	44,619	275,049	60,181
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at the end of the month	194,944		155,967	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Six Months Ended June, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made [★]	Tonnage shipped	Tonnage made [★]	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	890,389	8,612	1,269,792	11,188
Foundry	97,071	65,840	77,061	65,770
Malleable	150,612	120,717	174,727	149,488
Total pig iron	1,138,072	195,169	1,521,580	226,446
<u>Ferro-alloys</u>	27,804	23,219	33,374	44,457

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During June and Six Months Ended June, 1954 and 1955

	June		Six months ended June	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	59,528	119,330	455,550	628,369
Imported	203,673	330,038	1,473,964	1,850,205
Mill cinder, scale, sinter, etc.	50,261	98,755	295,942	472,842
Limestone	58,104	91,212	418,558	508,243
Dolomite	20,487	25,999	126,344	146,120
Coke	148,598	237,202	1,023,197	1,329,047
Scrap iron and steel	5,350	13,719	35,834	62,076

Table 4 - Description of Iron Blast Furnaces at End of June, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,296,450	86.3
Banked	-	-	-
Blown out	4	521,550	13.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During June, 1954 and 1955

	1954		1955	
	Tonnage made ^x	Tonnage shipped	Tonnage made ^x	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	227,534	250	337,498	377
Electric	36,936	97	43,869	45
Total steel ingots	264,470	347	381,367	422
Alloy steel ingots included in above	9,814	-	19,459	-
<u>Steel castings</u>				
Open hearth - basic	2,120	1,820	2,755	2,433
Converter	11	14	13	-
Electric	5,392	4,381	5,133	4,429
Total steel castings	7,523	6,215	7,901	6,862
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	269	282	203	164
(b) High alloy, manganese and abrasion resistant	893	963	1,194	1,220
(c) All other alloys	731	199	285	261

^x - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Six Months Ended June, 1954 and 1955

	1954		1955	
	Tonnage made ^x	Tonnage shipped	Tonnage made ^x	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,362,966	740	1,872,188	33,954
Electric	192,131	148	236,740	102
Total steel ingots	1,555,097	888	2,108,928	34,056
Alloy steel ingots included in above	66,022	66	101,727	15
<u>Steel castings</u>				
Open hearth - basic	13,683	11,788	14,449	13,008
Converter	34	14	28	7
Electric	34,427	26,746	28,159	21,798
Total steel castings	48,144	38,548	42,636	34,813
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,010	1,878	1,147	970
(b) High alloy, manganese and abrasion resistant	4,867	4,812	6,663	6,444
(c) All other alloys	4,944	1,011	2,496	1,684

^x - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, June, 1954 and 1955, and Six Months Ended June, 1955

	June 1954	June 1955	Six months ended June, 1955
(Net tons of 2,000 pounds)			
Pig iron	149,159	221,958	1,265,639
Scrap - Own make	79,806	93,314	581,984
Purchased	55,860	101,457	492,323

Table 8 - Steel Furnace Capacity at First of January, 1955

	annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	22,420 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	33,374 (2)	381,367	7,901	389,268
Total six months ...	1,521,580	55,794	2,108,928	42,636	2,151,564

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 336,718 net tons in June, 1955, compared with 230,340 tons in June, 1954. The June, 1955, shipments included 23,989 tons of semi-finished shapes, 17,100 tons of structurals, 24,161 tons of plates, 26,650 tons of rails, 12,466 tons of tie plates and track material, 35,473 tons of hot rolled bars, 33,852 tons of pipes and tubes, 32,220 tons of wire rods, 40,818 tons of black sheets, 12,321 tons of galvanized sheets, 7,234 tons of castings, and 70,434 tons of other rolled products. The amount of producers' interchange was 147,313 tons in June, 1955, as against 132,720 tons in June, 1954.

Of the amounts shipped for sale during June, 42,874 tons went direct to railways and railway car shops; 21,690 tons went to pressing, forming and stamping plants; 37,780 tons to merchant trade products; 50,866 tons to building construction; 35,387 tons to the containers industry; 3,916 tons to agricultural equipment; 18,701 tons to the automotive industry; 15,487 tons to machinery plants; 618 tons to shipbuilding; 22,960 tons to mining, lumbering, etc., and 5,803 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 42,341 tons, and exports for 38,295 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 147,313 tons in June, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, June, 1955

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	6,640	2,356	2,966
Other semi-finished shapes, not for re-rolling by makers	13,454	20,062	10,124
Structural shapes and piling	15,620	17,100	-
Plates	23,587	24,105	-
Rails	27,105	26,650	-
Tie plates and track material: Splice bars	2,446	2,480	-
Tie plates	10,362	8,148	1,834
Spikes	1,718	1,838	-
Concrete reinforcing bars	21,875	22,769	-
Hot rolled bars for cold finishing	1,120	-	1,092
Other hot rolled bars	40,639	30,089	10,011
Pipes and tubes	30,260	33,852	-
Wire rods	31,848	32,144	444
Hot rolled black sheets	86,115	22,863	66,290
Cold reduced black sheets	23,786	17,955	7,034
Cold reduced strip	2,945	2,586	218
Galvanized sheets	13,776	12,321	-
Steel castings	6,152	5,780	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	86,093	43,575	46,763
Total carbon steel	445,541	326,673	146,776
<u>Alloy steel</u>			
Billets, etc., for forging	1,715	1,571	-
Other semi-finished shapes, not for re-rolling by makers	519	-	519
Plates	47	56	-
Other hot rolled bars	6,692	5,384	18
Wire rods	57	76	-
Steel castings	1,573	1,454	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,539	1,504	-
Total alloy steel	12,142	10,045	537

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Six Months Ended June, 1955

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	58,588	41,606	14,321
Other semi-finished shapes, not for re-rolling by makers	158,820	94,847	74,450
Structural shapes and piling	74,414	76,324	1
Plates	130,854	129,923	224
Rails	107,558	112,379	-
Tie plates and track material: Splice bars	8,671	9,484	431
Tie plates	40,719	37,526	1,834
Spikes	8,193	8,328	-
Concrete reinforcing bars	89,686	86,731	-
Hot rolled bars for cold finishing	9,390	-	9,377
Other hot rolled bars	230,700	184,816	38,996
Pipes and tubes	136,705	132,639	-
Wire rods	171,782	172,004	1,483
Hot rolled black sheets	497,446	125,441	366,517
Cold reduced black sheets	145,964	105,744	43,007
Cold reduced strip	17,529	13,733	2,413
Galvanized sheets	62,996	61,449	17
Steel castings	31,525	29,734	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	482,391	207,415	250,519
Total carbon steel	2,463,931	1,630,123	803,590

Alloy steel

Billets, etc., for forging	5,721		5,664	-
Other semi-finished shapes, not for re-rolling				
by makers	2,636		-	2,636
Plates	300		295	-
Other hot rolled bars	40,938		39,563	155
Wire rods	660		634	-
Steel castings	9,950		9,265	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	9,284		9,380	-
Total alloy steel	69,489		64,801	2,791

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, June, 1955, and Year to Date

	June, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	13,713	4,988	86,671	38,008
Agricultural, including farm machinery	3,738	178	39,690	792
Building construction	50,776	90	227,645	319
Containers industry	35,380	7	165,900	58
Machinery and tools	14,281	1,206	91,423	6,088
Merchant trade products	37,557	223	204,595	1,811
Mining, lumbering, etc.	22,177	783	74,574	5,607
National defence	1,318	68	9,963	1,695
Pressing, forming and stamping	21,579	111	111,910	514
Public works and utilities	2,379	56	10,401	354
Railway operating	31,430	73	132,226	638
Railway cars and locomotives	11,293	78	52,033	1,257
Shipbuilding	586	32	6,640	202
Miscellaneous and unclassified	1,818	164	8,878	1,107
Wholesalers and warehouses	42,127	214	213,639	1,422
Direct export (a) to British Empire	23,354	387	61,627	1,091
(b) to other countries	13,167	1,387	132,308	3,838
Total shipped for sale	326,673	10,045	1,630,123	64,801
Producers' interchange	146,776	537	803,590	22,791

Table 13 - Imports of Primary Forms of Iron and Steel, June, 1955, and Year to Date

Commodity	Country of origin	June, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	1,022	-	-	2,252	-	-
Foundry	United States	1,326	-	-	1,482	-	-
Ingots	United States	-	106	-	432	752	-
Billets, blooms, slabs and sheet bars ..	United States	-	180	30.4	385	526	80.2
	United Kingdom	-	1	-	2	23	-
Bars and sections -							
Hot rolled, n.o.p.	United States	2,906	164	14.6	14,546	1,107	72.8
	United Kingdom	268	49	1.6	743	284	62.8
	Belgium	1,216	-	-	5,430	-	-
	France	570	-	-	719	-	-
	Japan	-	-	-	3,178	-	-
	Sweden	6	-	-	7	-	-
Hot rolled -							
For agricultural implements	United States	503	130	-	2,492	298	-
Rounds over 4½", squares over 4" ...	United States	164	3	-	657	26	-
	United Kingdom	29	2	-	211	16	.5
Angles, channels, etc.	United States	929	-	4.7	3,894	-	27.5
	United Kingdom	11	-	-	138	-	2.6
	Belgium	125	-	-	819	-	-
	Germany	77	-	-	77	-	-
	France	243	-	-	342	-	-
	Sweden	-	-	-	-	-	2.2
Structurals (bar sizes) for							
agricultural implements	United States	85	-	-	346	-	-
Sash or casement sections	United States	111	-	-	882	-	-
	United Kingdom	28	-	-	113	-	-
	Belgium	-	-	-	75	-	-
Cold finished, n.o.p.	United States	569	60	7.5	2,345	488	62.3
	United Kingdom	62	-	5.5	512	-	36.3
	Belgium	41	-	-	274	-	-
	Sweden	-	-	-	16	17	-
Cold finished, for agricultural							
implements	Germany	-	-	-	2	-	-
Tool steel	United States	161	-	-	1,130	-	-
	United States	14	103	-	72	341	-
	United Kingdom	11	38	-	60	423	-
	Germany	-	-	-	-	2	-
	Austria	-	-	-	-	32	-

Table 13 - Imports of Primary Forms of Iron and Steel, June, 1955, and Year to Date (Continued)

Commodity	Country of origin	June, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
Structurals -		(Tons of 2,000 pounds)					
W.F. beams, 8" and over	United States	11,213	-	-	83,158	-	-
	United Kingdom	-	-	-	1,090	-	-
	Belgium	437	-	-	2,016	-	-
	France	223	-	-	511	-	-
W.F. beams, under 8"	United States	530	-	-	2,607	-	-
	Belgium	31	-	-	74	-	-
Sheet piling	United States	-	-	-	1,496	-	-
	United Kingdom	-	-	-	56	-	-
	Germany	-	-	-	756	-	-
	Belgium	-	-	-	429	-	-
All other	United States	3,411	-	-	24,350	-	-
	United Kingdom	187	-	-	569	-	-
	Belgium	1,462	-	-	5,655	-	-
	France	1,354	-	-	5,527	-	-
Plates -							
78" and under in width	United States	3,135	-	34.7	14,189	46	549.7
	United Kingdom	1,103	-	12.2	4,820	-	102.6
	Japan	-	-	-	3,975	-	-
Over 78" and under 100" in width	United States	1,726	-	18.6	9,705	-	81.5
	United Kingdom	402	-	-	1,098	-	-
	Japan	-	-	-	19	-	-
100" in width and over	United States	525	-	20.3	3,937	-	23.8
	United Kingdom	-	-	-	15	-	-
Flanged, dished or curved	United States	43	-	-	598	-	-
Boiler, pulp-mill digesters	United States	102	-	-	1,741	-	-
Chequered or surface pattern	United States	705	-	-	4,619	-	-
	United Kingdom	-	-	-	16	-	-
Sheets -							
Silicon .075 or more	United States	-	989	-	-	6,636	-
	United Kingdom	-	33	-	-	33	-
Galvanized	United States	2,930	-	-	11,493	-	-
	United Kingdom	10	-	-	167	-	-
	Japan	-	-	-	76	-	-
Corrugated	United States	883	-	-	3,240	-	-
	United Kingdom	-	-	-	39	-	-
Hot rolled -							
18 gauge and heavier	United States	2,826	11	.9	16,243	75	12.6
	United Kingdom	82	-	7.6	319	-	168.7
	Sweden	-	-	19.9	2	-	99.0
Lighter than 18 gauge	United States	2	-	-	10	18	4.2
	United Kingdom	-	-	-	-	-	24.9
Cold rolled -	Sweden	-	-	-	-	-	.6
	United States	752	-	67.7	3,376	12	453.0
Lighter than 18 gauge	United Kingdom	41	-	21.8	108	-	195.4
	United States	1,227	-	126.9	5,310	15	815.5
	United Kingdom	365	-	13.4	633	-	73.1
	France	-	-	-	1	-	-
For motor vehicles	United States	3,060	-	-	12,377	-	-
For hollow-ware (vitreous enamel) ...	United States	977	-	-	4,154	-	-
	United Kingdom	315	-	-	821	-	-
Coated with paint,tar,asphaltum,etc..	United States	57	-	-	495	-	-
For saws	United States	-	121	-	-	415	-
	United Kingdom	-	11	-	-	25	-
Tin mill black plate	United States	-	-	-	79	-	-
Tin plate - Primes	United States	262	-	-	3,598	-	-
	United Kingdom	6	-	-	43	-	-
Tin plate - Electrolytic coating	United States	1,037	-	-	2,242	-	-
Terne plate - Long	United States	424	-	-	2,883	-	-
	Short	548	-	-	972	-	-

NOTE: The year to date totals for structurals (sheet piling) shown in the December, 1954, issue should be increased by 7,052 net tons imported from the United States.

Table 13 - Imports of Primary Forms of Iron and Steel, June, 1955, and Year to Date (Continued)

Commodity	Country of origin	June, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Strip -							
Hot rolled -							
18 gauge and heavier	United States	472	-	-	2,552	10	-
	United Kingdom	-	-	-	6	-	-
	Belgium	-	-	-	66	-	-
	France	-	-	-	32	-	-
Lighter than 18 gauge	United States	-	-	-	25	-	-
Cold rolled -							
18 gauge and heavier	United States	200	2	54.5	1,034	113	142.3
	United Kingdom	-	-	-	24	-	-
Lighter than 18 gauge	United States	368	19	99.4	1,635	73	506.7
	United Kingdom	3	-	-	128	-	-
	Sweden	-	65	.3	23	162	1.9
	Germany	-	-	-	11	-	-
	Netherlands	-	-	-	3	-	-
Hot rolled strip for cold rolling ...	United States	29	-	-	126	-	-
For saws	United States	-	45	-	57	311	-
	United Kingdom	-	-	-	-	12	-
	Sweden	-	15	-	-	59	-
For motor vehicles	United States	636	-	-	3,706	-	-
For hoops	United States	115	-	-	332	-	-
	United Kingdom	-	-	-	60	-	-
	Sweden	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc..	United States	692	-	-	4,025	-	-
	United Kingdom	-	-	-	19	-	-
	Germany	2	-	-	5	-	-
For butt hinges	United States	42	-	-	337	-	-
	United Kingdom	-	-	-	38	-	-
Galvanized	United States	398	-	-	2,342	-	-
	United Kingdom	13	-	-	61	-	-
	Belgium	3	-	-	6	-	-
	Germany	-	-	-	2	-	-
Silicon .075 or more	United States	-	419	-	-	2,991	-
Skelp -							
15 ³ / ₈ " and under in width	United States	9,399	-	-	30,420	-	-
	Germany	-	-	-	1,494	-	-
Over 15 ³ / ₈ " in width	United States	763	-	-	4,965	-	-
Pipes and tubes -							
Spiral weld pipe	United States	65	-	-	583	-	-
Cast	United States	18	-	-	340	-	-
	United Kingdom	1,663	-	-	8,942	-	-
	France	-	-	-	241	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	320	-	10.4	866	103	10.4
	United Kingdom	33	-	-	672	-	-
	Germany	-	-	-	62	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	41	19	-	250	34	.5
	United Kingdom	6	-	-	351	-	-
	Sweden	-	-	-	2	-	6.1
Welded	United States	55	-	.1	785	-	.1
	United Kingdom	285	-	-	988	-	-
	Switzerland	83	-	-	83	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	469	128	47.4	2,838	564	195.9
	United Kingdom	41	-	5.3	678	9	79.6
	Sweden	-	-	.2	154	125	19.3
Hot finished	United States	476	3	1.2	1,947	207	1.8
	United Kingdom	3	-	-	2,696	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	471	-	-	1,734	4	-
	United Kingdom	-	-	-	181	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, June, 1955, and Year to Date (Continued)

Commodity	Country of origin	June, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
Pipes and tubes (concluded) -		(Tons of 2,000 pounds)					
Seamless, over 12" in diameter (concluded) -							
Welded, 4" and under in diameter ..	United States	500	389	1.7	3,813	1,451	33.1
	United Kingdom	296	-	-	1,131	-	.2
	France	209	-	-	417	-	-
	Belgium	8	-	-	57	-	-
	Germany	-	-	-	71	-	-
	Sweden	-	-	.2	-	-	.2
Welded, over 4" in diameter	United States	18	-	1.5	745	-	7.6
	United Kingdom	-	-	-	543	-	-
Conduit	United States	17	-	-	484	-	-
Casings	United States	2,022	-	-	15,059	-	-
	United Kingdom	699	-	-	3,324	-	-
	Belgium	143	-	-	213	-	-
	Germany	346	-	-	2,156	-	-
	Italy	-	-	-	1,024	-	-
	Japan	253	-	-	8,121	-	-
	France	154	-	-	4,859	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	45	-	-	157	-	-
Wire rope	United States	107	-	-	212	-	.6
	United Kingdom	144	-	-	928	-	-
	Germany	37	-	-	222	-	-
	Belgium	-	-	-	44	-	-
	Japan	-	-	-	1	-	-
	Norway	4	-	-	27	-	-
	Netherlands	31	-	-	304	-	-
Wire - For rope	United States	570	-	.2	2,222	-	2.9
	United Kingdom	794	-	-	4,628	-	-
	Germany	-	-	-	40	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	101	-	-	358	-	-
	United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc.	United States	5	-	-	30	-	-
	United Kingdom	1	-	-	3	-	-
Coated or covered	United States	58	-	-	186	-	-
	United Kingdom	7	-	-	134	-	-
	Germany	1	-	-	3	-	-
	Belgium	-	-	-	15	-	-
	France	-	-	-	25	-	-
All other	United States	298	53	.5	1,972	244	18.3
	United Kingdom	61	-	-	378	-	1.3
	Belgium	-	-	-	127	-	-
	France	30	-	-	36	-	-
	Sweden	-	-	-	5	11	1.0
	Japan	-	-	-	88	-	-
	Holland	-	-	-	26	-	-
Wire rods, not over 3/8" in diameter	United States	155	-	-	396	-	-
	United Kingdom	339	-	-	788	-	-
	Germany	217	-	-	217	-	-
Welding wire and welding rods	United States	2	133	-	9	552	-
	United Kingdom	-	-	-	-	1	-
Axles - For railway vehicles	United States	-	-	-	20	-	-
Tires - For railway rolling stock	United States	13	-	-	516	-	-
	United Kingdom	29	-	-	507	-	-
Wheels - For railway rolling stock	United States	-	-	-	2,948	-	-
	United Kingdom	183	-	-	1,261	-	-
Rails - 60 lb. and under	United States	80	-	-	205	-	-
	Belgium	44	-	-	189	-	-
	Germany	-	-	-	17	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, June, 1955, and Year to Date (Concluded)

Commodity	Country of origin	June, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Rails (concluded) -							
Over 60 lb. and including 100 lb. ...	United States	50	-	-	424	-	-
	United Kingdom	92	-	-	8,479	-	-
Over 100 lb.	United States	10	-	-	2,142	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	181	-	-	1,465	-	-
	United Kingdom	-	-	-	333	-	-
	Belgium	1	-	-	8	-	-
	Germany	-	-	-	1	-	-
Switch points, etc.	United States	1	-	-	34	-	-
Total imports	United States	63,427	3,077	543.2	338,083	17,408	3109.4
	All other	14,963	214	88.0	99,701	1,238	872.2
TOTAL		78,390	3,291	631.2	437,784	18,646	3981.6

Table 14 - Exports of Primary Iron and Steel, June, 1955, and Year to Date

	June, 1955	Year to date
	(Tons of 2,000 pounds)	
Pig iron	20,365	58,465
Ingots, blooms and billets	29,096	112,979
Bars	1,092	4,252
Rods	449	5,641
Plates, sheets and strips	6,948	44,223
Rails	1,115	28,892
Structural shapes	430	938
Pipe and tubing - Wrought iron	193	194
Cast iron	6	264
Galvanized	449	1,591
Other	80	190
Castings, iron and steel	846	6,634
Forgings	208	2,027
Total	61,277	266,290



PRIMARY IRON AND STEEL

JULY, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-75

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 7

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 266,795 tons in July, 1955, compared with 174,403 tons in the corresponding month of last year. The total for the current month included 208,287 tons of basic iron, 49,066 tons of malleable iron and 9,442 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during July, 1955, totalled 360,765 tons compared with 260,454 tons in July of last year. Output in the month under review included 355,190 tons of ingots and 5,575 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During July, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made [*]	Tonnage shipped	Tonnage made [*]	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	144,000	1,146	208,287	453
Foundry	1,864	8,280	9,442	9,732
Malleable	28,539	33,761	49,066	40,257
Total pig iron	174,403	43,187	266,795	50,442
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at the end of the month		177,579		165,389

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Seven Months Ended July, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made [*]	Tonnage shipped	Tonnage made [*]	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	1,034,389	9,758	1,478,079	11,641
Foundry	98,935	74,120	86,503	75,502
Malleable	179,151	154,478	223,793	189,745
Total pig iron	1,312,475	238,356	1,788,375	276,888
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During July and Seven Months Ended July, 1954 and 1955

	July		Seven months ended July	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	60,222	116,902	515,772	745,271
Imported	231,382	310,210	1,705,346	2,160,415
Mill cinder, scale, sinter, etc.	49,271	83,616	345,213	556,458
Limestone	58,539	87,765	477,097	596,008
Dolomite	21,811	19,703	148,155	165,823
Coke	153,143	233,649	1,176,340	1,562,696
Scrap iron and steel	7,699	11,312	43,533	73,388

Table 4 - Description of Iron Blast Furnaces at End of July, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,296,450	86.3
Banked	-	-	-
Blown out	4	521,550	13.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During July, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	227,511	116	315,546	6,796
Electric	27,817	-	39,644	-
Total steel ingots	255,328	116	355,190	6,796
Alloy steel ingots included in above	5,912	-	12,634	-
<u>Steel castings</u>				
Open hearth - basic	972	723	1,410	1,224
Converter	24	16	24	26
Electric	4,130	3,217	4,141	3,490
Total steel castings	5,126	3,956	5,575	4,740
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	170	165	180	149
(b) High alloy, manganese and abrasion resistant	751	761	883	1,001
(c) All other alloys	509	279	342	319

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Seven Months Ended July, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,590,477	856	2,187,734	40,750
Electric	219,948	148	276,384	102
Total steel ingots	1,810,425	1,004	2,464,118	40,852
Alloy steel ingots included in above	71,934	66	114,361	15
<u>Steel castings</u>				
Open hearth - basic	14,655	12,511	15,859	14,232
Converter	58	30	52	33
Electric	38,557	29,963	32,300	25,288
Total steel castings	53,270	42,504	48,211	39,553
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,180	2,043	1,327	1,119
(b) High alloy, manganese and abrasion resistant	5,618	5,573	7,546	7,445
(c) All other alloys	5,453	1,290	2,838	2,003

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, July, 1954 and 1955, and Seven Months Ended July, 1955

	July 1954	July 1955	Seven months ended July, 1955
(Net tons of 2,000 pounds)			
Pig iron	149,033	205,380	1,471,019
Scrap - Own make	76,892	101,844	683,828
Purchased	48,173	82,293	574,616

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
(Net tons of 2,000 pounds)	
Ingots - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,706	6,547	321,253
March	275,729	22,420 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	33,374 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
Total seven months..	1,788,375		2,464,118	48,211	2,512,329

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 300,043 net tons in July, 1955, compared with 201,740 tons in July, 1954. The July, 1955, shipments included 14,332 tons of semi-finished shapes, 11,328 tons of structurals, 23,618 tons of plates, 26,318 tons of rails, 8,813 tons of tie plates and track material, 33,060 tons of hot rolled bars, 33,471 tons of pipes and tubes, 21,944 tons of wire rods, 33,402 tons of black sheets, 15,673 tons of galvanized sheets, 5,552 tons of castings, and 72,532 tons of other rolled products. The amount of producers' interchange was 150,815 tons in July, 1955, as against 112,831 tons in July, 1954.

Of the amounts shipped for sale during July, 35,225 tons went direct to railways and railway car shops; 21,925 tons went to pressing, forming and stamping plants; 28,197 tons to merchant trade products; 39,825 tons to building construction; 44,039 tons to the containers industry; 4,496 tons to agricultural equipment; 19,775 tons to the automotive industry; 17,618 tons to machinery plants; 616 tons to shipbuilding; 17,502 tons to mining, lumbering, etc., and 4,781 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 41,630 tons, and exports for 24,414 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 150,815 tons in July, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, July, 1955

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	5,009	3,170	2,241
Other semi-finished shapes, not for re-rolling			
by makers	30,872	10,526	11,441
Structural shapes and piling	11,146	11,328	-
Plates	24,622	23,555	-
Rails	22,469	26,318	-
Tie plates and track material: Splice bars	1,697	36	1,867
Tie plates	8,298	7,929	-
Spikes	1,038	848	-
Concrete reinforcing bars	17,831	20,794	-
Hot rolled bars for cold finishing	2,113	-	2,238
Other hot rolled bars	28,619	26,948	9,434
Pipes and tubes	25,896	33,471	-
Wire rods	21,466	21,906	76
Hot rolled black sheets	81,130	16,402	63,496
Cold reduced black sheets	23,942	17,000	7,635
Cold reduced strip	1,915	1,932	27
Galvanized sheets	15,426	15,673	28
Steel castings	4,312	4,172	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	88,596	48,088	51,829
Total carbon steel	416,397	290,096	150,312
<u>Alloy steel</u>			
Billets, etc., for forging	509	636	-
Other semi-finished shapes, not for re-rolling			
by makers	446	-	446
Plates	113	63	-
Other hot rolled bars	4,818	6,112	54
Wire rods	11	38	-
Steel castings	1,242	1,380	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,498	1,718	3
Total alloy steel	8,637	9,947	503

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Seven Months Ended July, 1955

	1955 P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	63,597	44,776	16,562
Other semi-finished shapes, not for re-rolling by makers	189,692	105,373	85,891
Structural shapes and piling	85,560	87,652	1
Plates	155,476	153,478	224
Rails	130,027	138,697	-
Tie plates and track material: Splice bars	10,368	9,520	2,298
Tie plates	49,017	45,455	1,834
Spikes	9,231	9,176	-
Concrete reinforcing bars	107,517	107,525	-
Hot rolled bars for cold finishing	11,503	-	11,615
Other hot rolled bars	259,319	211,764	48,430
Pipes and tubes	162,601	166,110	-
Wire rods	193,248	193,910	1,559
Hot rolled black sheets	578,576	141,843	430,013
Cold reduced black sheets	169,906	122,744	50,642
Cold reduced strip	19,444	15,665	2,440
Galvanized sheets	78,422	77,122	45
Steel castings	35,837	33,906	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	570,987	255,503	302,348
Total carbon steel	2,880,328	1,920,219	953,902
<u>Alloy steel</u>			
Billets, etc., for forging	6,230	6,300	-
Other semi-finished shapes, not for re-rolling by makers	3,082	-	3,082
Plates	413	358	-
Other hot rolled bars	45,756	45,675	209
Wire rods	671	672	-
Steel castings	11,192	10,645	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	10,782	11,098	3
Total alloy steel	78,126	74,748	3,294

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

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Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, July, 1955, and Year to Date

	July, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	14,092	5,683	100,763	43,691
Agricultural, including farm machinery	4,375	121	44,065	913
Building construction	39,799	26	267,444	345
Containers industry	44,037	2	209,937	60
Machinery and tools	16,379	1,239	107,802	7,327
Merchant trade products	28,007	190	232,602	2,001
Mining, lumbering, etc.	16,461	1,041	91,035	6,648
National defence	1,354	65	11,317	1,760
Pressing, forming and stamping	21,833	92	133,743	606
Public works and utilities	1,539	20	11,940	374
Railway operating	25,969	59	158,195	697
Railway cars and locomotives	9,177	20	61,210	1,277
Shipbuilding	593	23	7,233	225
Miscellaneous and unclassified	1,598	205	10,476	1,312
Wholesalers and warehouses	41,446	184	255,085	1,606
Direct export (a) to British Empire	4,707	537	66,334	1,628
(b) to other countries	18,730	440	151,038	4,278
Total shipped for sale	290,096	9,947	1,920,219	74,748
Producers' interchange	150,312	503	953,902	3,294*

* Revised.

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date

Commodity	Country of origin	July, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	-	-	-	2,252	-	-
Foundry	United States	-	-	-	1,482	-	-
Malleable	United Kingdom	1,327	-	-	1,327	-	-
Ingots	United States	-	62	-	432	814	-
Billets, blooms, slabs and sheet bars...	United States	7	-	25.5	392	526	105.7
	United Kingdom	-	-	-	2	23	-
Bars and sections -							
Hot rolled, n.o.p.	United States	2,620	424	11.0	17,166	1,531	83.8
	United Kingdom	147	16	3.5	890	300	66.3
	Belgium	1,215	-	-	6,645	-	-
	France	68	-	-	787	-	-
	Japan	552	-	-	3,730	-	-
	Sweden	-	-	-	7	-	-
Hot rolled -							
For agricultural implements	United States	971	19	-	3,463	317	-
Rounds over 4 $\frac{1}{8}$ " , squares over 4" ...	United States	94	1	-	751	27	-
	United Kingdom	25	3	-	236	19	.5
Angles, channels, etc.	United States	468	-	5.4	4,362	-	32.9
	United Kingdom	-	-	.7	138	-	3.3
	Belgium	554	-	-	1,373	-	-
	Germany	-	-	-	77	-	-
	France	257	-	-	599	-	-
	Sweden	-	-	-	-	-	2.2
Structurals (bar sizes) for							
agricultural implements	United States	18	-	-	364	-	-
Sash or casement sections	United States	166	-	-	1,048	-	-
	United Kingdom	6	-	-	119	-	-
	Belgium	-	-	-	75	-	-
Cold finished, n.o.p.	United States	502	166	4.9	2,847	654	67.2
	United Kingdom	122	-	14.6	634	-	50.9
	Belgium	-	-	-	274	-	-
	Sweden	-	-	-	16	17	-
	Germany	-	-	-	2	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date (Continued)

Commodity	Country of origin	July, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Cold finished, for agricultural implements	United States	41	-	-	1,171	-	-
Tool steel	United States	3	35	-	75	376	-
	United Kingdom	16	91	-	76	514	-
	Germany	-	-	-	-	2	-
	Austria	-	8	-	-	40	-
Structurals -							
W.F. beams, 8" and over	United States	9,174	-	-	92,332	-	-
	United Kingdom	183	-	-	1,273	-	-
	Belgium	494	-	-	2,510	-	-
	France	25	-	-	536	-	-
W.F. beams, under 8"	United States	629	-	-	3,236	-	-
	Belgium	57	-	-	131	-	-
Sheet piling	United States	2	-	-	1,498	-	-
	United Kingdom	-	-	-	56	-	-
	Belgium	-	-	-	429	-	-
	Germany	-	-	-	756	-	-
All other	United States	3,879	-	-	28,229	-	-
	United Kingdom	232	-	-	801	-	-
	Belgium	2,019	-	-	7,674	-	-
	France	395	-	-	5,922	-	-
Plates -							
78" and under in width	United States	2,946	83	104.2	17,135	129	653.9
	United Kingdom	1,624	-	21.0	6,444	-	123.6
	France	17	-	-	17	-	-
	Japan	537	-	-	4,512	-	-
Over 78" and under 100" in width	United States	2,021	-	7.9	11,726	-	89.4
	United Kingdom	568	-	-	1,666	-	-
	Japan	-	-	-	19	-	-
100" in width and over	United States	211	-	5.1	4,148	-	28.9
	United Kingdom	-	-	-	15	-	-
Flanged, dished or curved	United States	114	-	-	712	-	-
Boiler, pulp-mill digesters	United States	440	-	-	2,181	-	-
Chequered or surface pattern	United States	1,009	-	-	5,628	-	-
	United Kingdom	41	-	-	57	-	-
Sheets -							
Silicon .075 or more	United States	-	1,494	-	-	8,130	-
	United Kingdom	-	-	-	-	33	-
Galvanized	United States	2,078	-	-	13,571	-	-
	United Kingdom	64	-	-	231	-	-
	Japan	-	-	-	76	-	-
Corrugated	United States	604	-	-	3,844	-	-
	United Kingdom	-	-	-	39	-	-
Hot rolled -							
18 gauge and heavier	United States	3,159	6	.9	19,402	81	13.5
	United Kingdom	181	-	54.4	500	-	223.1
	Sweden	-	-	17.5	2	-	116.5
Lighter than 18 gauge	United States	-	-	-	10	18	4.2
	United Kingdom	-	-	5.4	-	-	30.3
	Sweden	-	-	-	-	-	.6
Cold rolled -							
18 gauge and heavier	United States	558	-	89.8	3,934	12	542.8
	United Kingdom	24	-	22.5	132	-	217.9
Lighter than 18 gauge	United States	740	-	160.0	6,050	15	975.5
	United Kingdom	175	-	46.6	808	-	119.7
	France	-	-	-	1	-	-
For motor vehicles	United States	2,123	-	-	14,500	-	-
For hollow ware (vitreous enamel) ...	United States	881	-	-	5,035	-	-
	United Kingdom	196	-	-	1,017	-	-
Coated with paint, tar, asphaltum, etc..	United States	235	-	-	730	-	-
For saws	United States	-	30	-	-	445	-
	United Kingdom	-	2	-	-	27	-

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Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date (Continued)

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date (continued)		July, 1955		Year to date			
Commodity	Country of origin	Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Sheets (concluded) -							
Wasters and rejects*	United States	1,912	-	-	1,912	-	-
Tin mill black plate	United States	56	-	-	135	-	-
Tin plate - Primes	United States	604	-	-	4,202	-	-
	United Kingdom	22	-	-	65	-	-
Tin plate - Electrolytic coating	United States	226	-	-	2,468	-	-
Tin plate - Seconds and wasters*	United States	427	-	-	427	-	-
Terne plate - Long	United States	512	-	-	3,395	-	-
Short	United States	335	-	-	1,307	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	181	-	-	2,733	10	-
	United Kingdom	8	-	-	14	-	-
	Belgium	51	-	-	117	-	-
	France	-	-	-	32	-	-
	United States	-	-	-	25	-	-
Lighter than 18 gauge	United States	-	-	-	-	-	-
Cold rolled -							
18 gauge and heavier	United States	82	55	6.9	1,116	168	149.2
	United Kingdom	-	-	-	24	-	-
Lighter than 18 gauge	United States	212	2	153.6	1,847	75	660.3
	United Kingdom	-	-	-	128	-	-
	Sweden	-	26	-	23	188	1.9
	Germany	-	-	-	11	-	-
	Netherlands	-	-	-	3	-	-
Hot rolled strip for cold rolling ...	United States	-	-	-	126	-	-
For saws	United States	-	36	-	57	347	-
	United Kingdom	-	2	-	-	14	-
	Sweden	-	16	-	-	75	-
For motor vehicles	United States	693	-	-	4,399	-	-
For hoops	United States	35	-	-	367	-	-
	United Kingdom	-	-	-	60	-	-
	Sweden	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc..	United States	522	-	-	4,547	-	-
	United Kingdom	-	-	-	19	-	-
	Germany	-	-	-	5	-	-
For butt hinges	United States	45	-	-	382	-	-
	United Kingdom	-	-	-	38	-	-
	Belgium	50	-	-	50	-	-
Galvanized	United States	372	-	-	2,714	-	-
	United Kingdom	42	-	-	103	-	-
	Belgium	-	-	-	6	-	-
	Germany	10	-	-	12	-	-
Silicon .075 or more	United States	-	698	-	-	3,689	-
Skelp -							
15 $\frac{3}{8}$ " and under in width	United States	6,280	-	-	36,700	-	-
	Germany	-	-	-	1,494	-	-
Over 15 $\frac{3}{8}$ " in width	United States	1,030	-	-	5,995	-	-
Pipes and tubes -							
Spiral weld pipe	United States	41	-	-	624	-	-
Cast	United States	30	-	-	370	-	-
	United Kingdom	2,513	-	-	11,455	-	-
	France	-	-	-	241	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	194	29	-	1,060	132	10.4
	United Kingdom	111	-	-	783	-	-
	Germany	-	-	-	62	-	-
	Italy	24	-	-	24	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	4	-	-	254	34	.5
	United Kingdom	6	-	-	357	-	-
	Sweden	-	-	-	2	-	6.1

* Classified separately for the first time.

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date (Continued)

Commodity	Country of origin	July, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -							
Repair of pressure parts of boilers (concluded) -							
Welded	United States	138	-	-	923	-	.1
	United Kingdom	192	-	-	1,180	-	-
	Switzerland	-	-	-	83	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	510	126	22.6	3,348	690	218.5
	United Kingdom	91	-	15.2	769	9	94.8
	Germany	13	-	-	13	-	-
	Sweden	-	15	2.2	154	140	21.5
Hot finished	United States	276	19	-	2,223	226	1.8
	United Kingdom	2,044	-	-	4,740	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	245	-	-	1,979	4	-
	United Kingdom	449	-	-	630	-	-
Welded, 4" and under in diameter ..	United States	984	280	1.6	4,797	1,731	34.7
	United Kingdom	260	-	-	1,391	-	.2
	France	71	-	-	488	-	-
	Belgium	-	-	-	57	-	-
	Germany	9	-	-	80	-	-
	Sweden	-	-	-	-	-	.2
Welded, over 4" in diameter	United States	188	-	1.0	933	-	8.6
	United Kingdom	-	-	-	543	-	-
Conduit	United States	164	-	-	648	-	-
Casings	United States	2,352	-	-	17,411	-	-
	United Kingdom	1,860	-	-	5,184	-	-
	Germany	225	-	-	2,381	-	-
	Italy	1,421	-	-	2,445	-	-
	Japan	2,939	-	-	11,060	-	-
	France	1,645	-	-	6,504	-	-
	Belgium	-	-	-	213	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	34	-	-	191	-	-
Wire rope	United States	76	-	-	288	-	.6
	United Kingdom	135	-	-	1,063	-	-
	Germany	130	-	-	352	-	-
	Belgium	11	-	-	55	-	-
	Japan	1	-	-	2	-	-
	Norway	1	-	-	28	-	-
	Denmark	1	-	-	1	-	-
	Netherlands	31	-	-	335	-	-
Wire -							
For rope	United States	421	-	-	2,643	-	2.9
	United Kingdom	638	-	-	5,266	-	-
	Germany	-	-	-	40	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	54	-	-	412	-	-
	United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc..	United States	5	-	-	35	-	-
	United Kingdom	-	-	-	3	-	-
Coated or covered	United States	19	-	-	205	-	-
	United Kingdom	13	-	-	147	-	-
	Belgium	-	-	-	15	-	-
	France	10	-	-	35	-	-
	Germany	-	-	-	3	-	-
All other	United States	791	27	1.2	2,763	271	19.5
	United Kingdom	11	-	-	389	-	1.3
	Belgium	-	-	-	127	-	-
	France	-	-	-	36	-	-

Primary Iron and Steel

- 10 -

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date (Concluded)

Table 13 - Imports of Primary Forms of Iron and Steel, July, 1955, and Year to Date (Concluded)							
Commodity	Country of origin	July, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Wire (concluded) -							
All other (concluded)	Sweden	-	11	-	5	22	1.0
	Japan	22	-	-	110	-	-
	Netherlands	-	-	-	26	-	-
Wire rods, not over $\frac{3}{8}$ " in diameter	United States	95	-	-	491	-	-
	United Kingdom	-	-	-	788	-	-
	Germany	-	-	-	217	-	-
	Sweden	15	-	-	15	-	-
Welding wire and welding rods	United States	1	99	-	10	651	-
	United Kingdom	-	-	-	-	1	-
Axles - For railway rolling stock	United States	21	-	-	41	-	-
Tires - For railway rolling stock	United States	2	-	-	518	-	-
	United Kingdom	140	-	-	647	-	-
Wheels - For railway rolling stock	United States	-	-	-	2,948	-	-
	United Kingdom	708	-	-	1,969	-	-
Rails -							
60 lb. and under	United States	37	-	-	242	-	-
	Belgium	41	-	-	230	-	-
	Germany	28	-	-	45	-	-
Over 60 lb. and including 100 lb. ...	United States	4	-	-	428	-	-
	United Kingdom	-	-	-	8,479	-	-
Over 100 lb.	United States	6	-	-	2,148	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	129	-	-	1,594	-	-
	United Kingdom	440	-	-	773	-	-
	Belgium	2	-	-	10	-	-
	Germany	1	-	-	2	-	-
Switch points, etc.	United States	5	-	-	39	-	-
Total imports	United States	56,043	3,691	601.6	394,126	21,099	3711.0
	All other	27,556	190	203.6	127,257	1,428	1075.8
TOTAL		83,599	3,881	805.2	521,383	22,527	4786.8

Table 14 - Exports of Primary Iron and Steel, July, 1955, and Year to Date

	July, 1955		Year to date	
	(Tons of 2,000 pounds)			
Pig iron	31,087		89,552	
Ingots, blooms and billets	15,092		128,071	
Bars	1,555		5,807	
Rods	534		6,175	
Plates, sheets and strips	3,081		47,304	
Rails	16,888		45,780	
Structural shapes	106		1,044	
Pipe and tubing - Wrought iron	-		194	
Cast iron	354		618	
Galvanized	185		1,776	
Other	25		215	
Castings, iron and steel	561		7,195	
Forgings	144		2,171	
Total	69,612		335,902	



PRIMARY IRON AND STEEL
AUGUST, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-85

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 8

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 288,864 tons in August, 1955, compared with 166,580 tons in the corresponding month of last year. The total for the current month included 222,371 tons of basic iron, 55,818 tons of malleable iron and 10,675 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during August, 1955, totalled 386,730 tons compared with 241,504 tons in August of last year. Output in the month under review included 379,678 tons of ingots and 7,052 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During August, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	133,908	1,449	222,371	4,582
Foundry	12,324	10,989	10,675	16,233
Malleable	20,348	33,927	55,818	58,825
Total pig iron	166,580	46,365	288,864	79,640
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at the end of the month	162,855		146,608	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Eight Months Ended August, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	1,168,297	11,207	1,700,450	16,223
Foundry	111,259	85,109	97,178	91,735
Malleable	199,499	188,405	279,611	248,570
Total pig iron	1,479,055	284,721	2,077,239	356,528
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During August and Eight Months Ended August, 1954 and 1955

	August		Eight months ended August	
	1954	1955	1954	1955
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	55,125	131,646	570,897	876,917
Imported	219,596	333,455	1,924,942	2,493,870
Mill cinder, scale, sinter, etc.	47,965	89,685	393,178	646,143
Limestone	54,965	94,679	532,062	690,687
Dolomite	18,645	22,911	166,800	188,734
Coke	142,528	254,265	1,318,868	1,816,961
Scrap iron and steel	6,007	10,127	49,540	83,515

Table 4 - Description of Iron Blast Furnaces at End of August, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,410,450	89.3
Banked	-	-	-
Blown out	3	407,550	10.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During August, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	206,147	206	335,032	22,808
Electric	29,837	36	44,646	-
Total steel ingots	235,984	242	379,678	22,808
Alloy steel ingots included in above	10,532	-	17,802	-
<u>Steel castings</u>				
Open hearth - basic	1,525	1,344	1,860	1,645
Converter	8	22	19	16
Electric	3,987	3,186	5,173	4,522
Total steel castings	5,520	4,552	7,052	6,183
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	134	95	103	109
(b) High alloy, manganese and abrasion resistant	863	798	983	865
(c) All other alloys	521	315	373	296

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Eight Months Ended August, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,796,624	1,068	2,522,766	63,558
Electric	249,785	184	321,030	102
Total steel ingots	2,046,409	1,246	2,843,796	63,660
Alloy steel ingots included in above	82,466	66	132,163	-
<u>Steel castings</u>				
Open hearth - basic	16,180	13,855	17,719	15,877
Converter	66	52	71	49
Electric	42,544	33,149	37,473	29,810
Total steel castings	58,790	47,056	55,263	45,736
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,314	2,138	1,430	1,228
(b) High alloy, manganese and abrasion resistant	6,481	6,371	8,529	8,310
(c) All other alloys	5,974	1,605	3,211	2,299

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, August, 1954 and 1955, and Eight Months Ended August, 1955

	August 1954	August 1955	Eight months ended August, 1955
	(Net tons of 2,000 pounds)		
Pig iron	133,891	226,280	1,697,299
Scrap - Own make	74,555	100,816	784,644
Purchased	50,174	87,195	661,811

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
	(Net tons of 2,000 pounds)
Ingot - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	22,420 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	33,374 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
Total eight months..	2,077,239		2,843,796	55,263	2,899,059

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 332,660 net tons in August, 1955, compared with 204,779 tons in August, 1954. The August, 1955, shipments included 43,011 tons of semi-finished shapes, 12,972 tons of structurals, 26,595 tons of plates, 11,084 tons of rails, 6,401 tons of tie plates and track material, 35,369 tons of hot rolled bars, 36,242 tons of pipes and tubes, 27,167 tons of wire rods, 40,271 tons of black sheets, 15,662 tons of galvanized sheets, 6,745 tons of castings and 71,141 tons of other rolled products. The amount of producers' interchange was 140,580 tons in August, 1955, as against 106,784 tons in August, 1954.

Of the amounts shipped for sale during August, 27,444 tons went direct to railways and railway car shops; 24,702 tons went to pressing, forming and stamping plants; 33,903 tons to merchant trade products; 52,842 tons to building construction; 29,540 tons to the containers industry; 6,474 tons to agricultural equipment; 18,662 tons to the automotive industry; 15,534 tons to machinery plants; 974 tons to shipbuilding; 23,587 tons to mining, lumbering, etc., and 8,113 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 41,914 tons and exports for 48,971 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 140,580 tons in August, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, August, 1955

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	7,369	2,988	2,941
Other semi-finished shapes, not for re-rolling by makers	37,597	38,706	11,909
Structural shapes and piling	14,318	12,972	-
Plates	27,663	26,322	-
Rails	17,518	11,084	-
Tie plates and track material: Splice bars	19	58	-
Tie plates	5,748	5,824	-
Spikes	486	519	-
Concrete reinforcing bars	24,699	28,731	-
Hot rolled bars for cold finishing	1,768	-	1,678
Other hot rolled bars	35,276	29,442	3,518
Pipes and tubes	34,592	36,242	-
Wire rods	28,621	27,118	214
Hot rolled black sheets	87,276	21,549	66,614
Cold reduced black sheets	25,324	18,722	7,829
Cold reduced strip	3,179	2,688	91
Galvanized sheets	15,629	15,662	23
Steel castings	5,372	5,413	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	84,328	38,194	45,495
Total carbon steel	456,782	322,234	140,512
<u>Alloy steel</u>			
Billets, etc., for forging	1,298	1,317	-
Other semi-finished shapes, not for re-rolling by makers	268	-	268
Plates	348	273	-
Other hot rolled bars	5,549	5,927	-
Wire rods	72	49	-
Steel castings	1,399	1,332	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,281	1,528	-
Total alloy steel	10,215	10,426	268

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Eight Months Ended August, 1955

	<u>P r o d u c t i o n</u> (Including producers' interchange)	<u>S h i p m e n t s</u> For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	70,966	47,764	19,503
Other semi-finished shapes, not for re-rolling by makers	227,289	144,079	97,800
Structural shapes and piling	99,878	100,624	1
Plates	183,139	179,800	224
Rails	147,545	149,781	-
Tie plates and track material: Splice bars	10,387	9,578	2,298
Tie plates	54,765	51,279	1,834
Spikes	9,717	9,695	-
Concrete reinforcing bars	132,216	136,256	-
Hot rolled bars for cold finishing	13,271	-	13,293
Other hot rolled bars	294,595	241,206	51,948
Pipes and tubes	197,193	202,352	-
Wire rods	221,869	221,028	1,773
Hot rolled black sheets	665,852	163,392	496,627
Cold reduced black sheets	195,230	141,466	58,471
Cold reduced strip	22,623	18,353	2,531
Galvanized sheets	94,051	92,784	68
Steel castings	41,209	39,319	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	655,315	293,697	347,843
Total carbon steel	3,337,110	2,242,453	1,094,214

Alloy steel

Billets, etc., for forging	7,528	7,617	-
Other semi-finished shapes, not for re-rolling by makers	3,350	-	3,350
Plates	761	631	-
Other hot rolled bars	51,305	51,602	209
Wire rods	743	721	-
Steel castings	12,591	11,977	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	12,063	12,626	3
Total alloy steel	88,341	85,174	3,562

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, August, 1955, and Year to Date

	August, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	13,356	5,306	114,119	48,997
Agricultural, including farm machinery	6,182	292	50,247	1,205
Building construction	52,777	65	320,221	410
Containers industry	29,536	4	239,473	64
Machinery and tools	14,388	1,146	122,190	8,473
Merchant trade products	33,743	160	266,345	2,161
Mining, lumbering, etc.	22,789	798	113,824	7,446
National defence	2,272	220	13,589	1,980
Pressing, forming and stamping	24,625	77	158,368	683
Public works and utilities	3,985	58	15,925	432
Railway operating	13,597	89	171,792	786
Railway cars and locomotives	13,402	356	74,612	1,633
Shipbuilding	945	29	8,178	254
Miscellaneous and unclassified	1,378	200	11,854	1,512
Wholesalers and warehouses	41,655	259	296,740	1,865
Direct export (a) to British Empire	15,416	303	81,750	1,931
(b) to other countries	32,188	1,064	183,226	5,342
Total shipped for sale	322,234	10,426	2,242,453	85,174
Producers' interchange	140,312	268	1,094,214	3,562

Table 13 - Imports of Primary Forms of Iron and Steel, August, 1955, and Year to Date

Commodity	Country of origin	August, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	-	-	-	2,252	-	-
Foundry	United States	1,120	-	-	2,602	-	-
	United Kingdom	-	-	-	1,327	-	-
Ingot	United States	124	142	-	556	956	-
Billets, blooms, slabs and sheet bars ..	United States	-	1	-	392	527	105.7
	United Kingdom	6	7	-	8	30	-
Bars and sections -							
Hot rolled, n.o.p.	United States	3,367	248	5.5	20,533	1,779	89.3
	United Kingdom	271	8	12.8	1,161	308	79.1
	Belgium	1,192	-	-	7,837	-	-
	France	-	-	-	787	-	-
	Japan	368	-	-	4,098	-	-
	Sweden	-	-	-	7	-	-
Hot rolled -							
For agricultural implements	United States	338	6	-	3,801	323	-
Rounds over 4 $\frac{7}{8}$ " , squares over 4" ...	United States	47	3	-	798	30	-
	United Kingdom	46	-	-	282	19	.5
Angles, channels, etc.	United States	1,566	-	7.9	5,928	-	40.8
	United Kingdom	11	-	-	149	-	3.3
	Germany	-	-	-	77	-	-
	Belgium	361	-	-	1,734	-	-
	France	247	-	-	846	-	-
	Sweden	-	-	-	-	-	2.2
Structurals (bar sizes) for							
agricultural implements	United States	55	-	-	419	-	-
Sash or casement sections	United States	135	-	-	1,183	-	-
	United Kingdom	6	-	-	125	-	-
	Belgium	-	-	-	75	-	-
Cold finished, n.o.p.	United States	329	34	4.7	3,176	688	71.9
	United Kingdom	122	-	16.9	756	-	67.8
	Germany	-	-	-	2	-	-
	Belgium	-	-	-	274	-	-
	Sweden	-	-	-	16	17	-
Cold finished, for agricultural							
implements	United States	147	-	-	1,318	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, August, 1955, and Year to Date (Continued)

Commodity	Country of origin	August, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Tool steel	United States	19	34	-	94	410	-
	United Kingdom	55	93	-	131	607	-
	Germany	-	-	-	-	2	-
	Austria	-	-	-	-	40	-
Structurals -							
W.F. beams, 8" and over	United States	12,297	-	-	104,629	-	-
	United Kingdom	127	-	-	1,400	-	-
	Belgium	229	-	-	2,739	-	-
	France	-	-	-	536	-	-
W.F. beams, under 8"	United States	451	-	-	3,687	-	-
	Belgium	-	-	-	131	-	-
Sheet piling	United States	197	-	-	1,695	-	-
	United Kingdom	-	-	-	56	-	-
	Germany	-	-	-	756	-	-
	Belgium	-	-	-	429	-	-
All other	United States	4,883	-	-	33,112	-	-
	United Kingdom	12	-	-	813	-	-
	Belgium	2,798	-	-	10,472	-	-
	France	269	-	-	6,191	-	-
Plates -							
78" and under in width	United States	3,380	123	98.5	20,515	252	752.4
	United Kingdom	1,225	-	14.2	7,669	-	137.8
	Germany	487	-	-	487	-	-
	France	-	-	-	17	-	-
	Japan	1,689	-	-	6,201	-	-
Over 78" and under 100" in width	United States	2,912	-	4.4	14,638	-	93.8
	United Kingdom	671	-	.7	2,337	-	.7
	Japan	179	-	-	198	-	-
100" in width and over	United States	687	-	100.9	4,835	-	129.8
	United Kingdom	465	-	-	480	-	-
Flanged, dished or curved	United States	205	-	-	917	-	-
Boiler, pulp-mill digesters	United States	503	-	-	2,684	-	-
Chequered or surface pattern	United States	1,722	-	-	7,350	-	-
	United Kingdom	44	-	-	101	-	-
Sheets -							
Silicon .075 or more	United States	-	1,329	-	-	9,459	-
	United Kingdom	-	82	-	-	115	-
Galvanized	United States	2,341	-	-	15,912	-	-
	United Kingdom	78	-	-	309	-	-
	Japan	47	-	-	123	-	-
Corrugated	United States	1,004	-	-	4,848	-	-
	United Kingdom	-	-	-	39	-	-
Hot rolled -							
18 gauge and heavier	United States	3,628	23	9.5	23,030	104	23.0
	United Kingdom	145	-	18.2	645	-	241.3
	Sweden	-	-	17.5	2	-	134.0
Lighter than 18 gauge	United States	-	-	-	10	18	4.2
	United Kingdom	-	-	-	-	-	30.3
	Sweden	-	-	-	-	-	.6
Cold rolled -							
18 gauge and heavier	United States	564	-	78.4	4,498	12	621.2
	United Kingdom	22	-	58.9	154	-	276.8
Lighter than 18 gauge	United States	968	-	153.0	7,018	15	1128.5
	United Kingdom	282	-	52.6	1,090	-	172.3
	France	-	-	-	1	-	-
For motor vehicles	United States	1,663	-	-	16,163	-	-
For hollow ware (vitreous enamel)	United States	1,299	-	-	6,334	-	-
	United Kingdom	729	-	-	1,746	-	-
Coated with paint, tar, asphaltum, etc...	United States	85	-	-	815	-	-
For saws	United States	-	63	-	-	508	-
	United Kingdom	-	-	-	-	27	-
Wasters and rejects	United States	1,902	-	-	3,814	-	-
Tin mill black plate	United States	-	-	-	135	-	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, August, 1955, and Year to Date (Continued)

Commodity	Country of origin	August, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Sheets (concluded) -							
Tin plate - Primes	United States	44	-	-	4,246	-	-
	United Kingdom	25	-	-	90	-	-
Tin plate - Electrolytic coating	United States	76	-	-	2,544	-	-
Tin plate - Seconds and wasters	United States	1,185	-	-	1,612	-	-
Terne plate - Long	United States	509	-	-	3,904	-	-
Short	United States	63	-	-	1,370	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	337	-	1.4	3,070	10	1.4
	United Kingdom	19	-	-	33	-	-
	Belgium	13	-	-	130	-	-
	France	-	-	-	32	-	-
Lighter than 18 gauge	United States	3	-	-	28	-	-
Cold rolled -							
18 gauge and heavier	United States	110	21	20.9	1,226	189	170.1
	United Kingdom	-	-	-	24	-	-
	Sweden	2	-	-	2	-	-
Lighter than 18 gauge	United States	175	32	153.0	2,022	107	813.3
	United Kingdom	11	-	-	139	-	-
	Germany	-	-	-	11	-	-
	Sweden	-	7	-	23	195	1.9
	Netherlands	-	-	-	3	-	-
Hot rolled strip for cold rolling	United States	-	-	-	126	-	-
For saws	United States	-	54	-	57	401	-
	United Kingdom	-	1	-	-	15	-
	Sweden	-	5	-	-	80	-
For motor vehicles	United States	654	-	-	5,053	-	-
For hoops	United States	42	-	-	409	-	-
	United Kingdom	7	-	-	67	-	-
	Sweden	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc...	United States	779	-	-	5,326	-	-
	United Kingdom	17	-	-	36	-	-
	Germany	26	-	-	31	-	-
For butt hinges	United States	41	-	-	423	-	-
	United Kingdom	-	-	-	38	-	-
	Belgium	-	-	-	50	-	-
Galvanized	United States	344	-	-	3,058	-	-
	United Kingdom	7	-	-	110	-	-
	Germany	-	-	-	12	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more	United States	-	689	-	-	4,378	-
Skelp -							
15 $\frac{3}{8}$ " and under in width	United States	4,257	-	-	40,957	-	-
	Germany	-	-	-	1,494	-	-
Over 15 $\frac{3}{8}$ " in width	United States	656	-	-	6,651	-	-
Pipes and tubes -							
Spiral weld pipe	United States	341	-	-	965	-	-
Cast	United States	13	-	-	383	-	-
	United Kingdom	920	-	-	12,375	-	-
	France	-	-	-	241	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	358	29	-	1,418	161	10.4
	United Kingdom	109	-	-	892	-	-
	Germany	16	-	-	78	-	-
	Italy	-	-	-	24	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	53	-	-	307	34	.5
	United Kingdom	48	-	-	405	-	-
	Sweden	-	-	-	2	-	6.1
Welded	United States	158	-	-	1,081	-	.1
	United Kingdom	192	-	-	1,372	-	-
	Switzerland	-	-	-	83	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, August, 1955, and Year to Date (Continued)

Commodity	Country of origin	August, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -							
Seamless, 12" and under in diameter -							
Cold drawn	United States	612	178	23.5	3,960	868	242.0
	United Kingdom	119	-	10.3	888	9	105.1
	Germany	-	-	-	13	-	-
	Sweden	1	-	-	155	140	21.5
Hot finished	United States	470	11	-	2,693	237	1.8
	United Kingdom	485	-	-	5,225	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	395	-	-	2,374	4	-
	United Kingdom	403	-	-	1,033	-	-
Welded, 4" and under in diameter ...	United States	882	460	3.6	5,679	2,191	38.3
	United Kingdom	758	-	-	2,149	-	.2
	Germany	-	-	-	80	-	-
	Belgium	-	-	-	57	-	-
	France	35	-	-	523	-	-
	Sweden	-	-	-	-	-	.2
	Netherlands	2	-	-	2	-	-
Welded, over 4" in diameter	United States	425	-	2.6	1,358	-	11.2
	United Kingdom	-	-	-	543	-	-
Conduit	United States	104	-	-	752	-	-
Casings	United States	2,953	-	-	20,364	-	-
	United Kingdom	1,248	-	-	6,432	-	-
	Germany	-	-	-	2,381	-	-
	Belgium	-	-	-	213	-	-
	France	715	-	-	7,219	-	-
	Japan	3,641	-	-	14,701	-	-
	Italy	832	-	-	3,277	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	10	-	-	201	-	-
Wire rope	United States	34	-	-	322	-	.6
	United Kingdom	98	-	-	1,161	-	-
	Germany	80	-	-	432	-	-
	Belgium	15	-	-	70	-	-
	Denmark	-	-	-	1	-	-
	Japan	58	-	-	60	-	-
	Norway	-	-	-	28	-	-
	Netherlands	15	-	-	350	-	-
Wire - For rope	United States	542	-	1.0	3,185	-	3.9
	United Kingdom	1,119	-	-	6,385	-	-
	Germany	32	-	-	72	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	188	-	-	600	-	-
	United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc.	United States	8	-	-	43	-	-
	United Kingdom	2	-	-	5	-	-
Coated or covered	United States	47	-	-	252	-	-
	United Kingdom	46	-	-	193	-	-
	Germany	85	-	-	88	-	-
	Belgium	72	-	-	87	-	-
	France	-	-	-	35	-	-
All other	United States	579	9	4.1	3,342	280	23.6
	United Kingdom	31	-	-	420	-	1.3
	Belgium	28	-	-	155	-	-
	France	-	-	-	36	-	-
	Sweden	9	-	.3	14	22	1.3
	Japan	-	-	-	110	-	-
	Netherlands	-	-	-	26	-	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, August, 1955, and Year to Date (Concluded)

Commodity	Country of origin	August, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Wire rods, not over $\frac{3}{8}$ " in diameter	United States	109	-	-	600	-	-
	United Kingdom	207	-	-	995	-	-
	Germany	-	-	-	217	-	-
	Sweden	-	-	-	15	-	-
Welding wire and welding rods	United States	7	68	-	17	719	-
	United Kingdom	-	9	-	-	10	-
Axles - For railway vehicles	United States	-	-	-	41	-	-
Tires - For railway rolling stock	United States	3	-	-	521	-	-
	United Kingdom	94	-	-	741	-	-
Wheels - For railway rolling stock	United States	92	-	-	3,040	-	-
	United Kingdom	2,423	-	-	4,392	-	-
Rails - 60 lb. and under	United States	111	-	-	353	-	-
	Germany	15	-	-	60	-	-
	Belgium	-	-	-	230	-	-
Over 60 lb. and including							
100 lb.	United States	8	-	-	436	-	-
	United Kingdom	-	-	-	8,479	-	-
Over 100 lb.	United States	-	-	-	2,148	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	115	-	-	1,709	-	-
	United Kingdom	-	-	-	773	-	-
	Germany	-	-	-	2	-	-
	Belgium	-	-	-	10	-	-
Switch points, etc.	United States	2	-	-	41	-	-
Total imports	United States	65,832	3,557	672.9	459,958	24,656	4383.9
	All other	26,263	212	202.4	153,520	1,640	1278.2
TOTAL		92,095	3,769	875.3	613,478	26,296	5662.1

Table 14 - Exports of Primary Iron and Steel, August, 1955, and Year to Date

	August, 1955	Year to date
(Tons of 2,000 pounds)		
Pig iron	53,719	143,271
Ingots, blooms and billets	25,232	153,303
Bars	1,301	7,108
Rods	662	6,837
Plates, sheets and strips	4,224	51,528
Rails	398	46,178
Structural shapes	421	1,465
Pipe and tubing - Wrought iron	58	252
Cast iron	39	657
Galvanized	326	2,102
Other	154	369
Castings, iron and steel	659	7,854
Forgings	122	2,293
Total	87,315	423,217



CANADA



PRIMARY IRON AND STEEL

SEPTEMBER, 1955

Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-95

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 9

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 276,795 tons in September, 1955, compared with 156,373 tons in the corresponding month of last year. The total for the current month included 217,852 tons of basic iron, 58,866 tons of malleable iron and 77 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during September, 1955, totalled 374,472 tons compared with 247,358 tons in September of last year. Output in the month under review included 367,005 tons of ingots and 7,467 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During September, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	126,102	1,760	217,852	1,777
Foundry	451	10,265	77	13,146
Malleable	29,820	34,036	58,866	62,745
Total pig iron	156,373	46,061	276,795	77,668
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at the end of the month		134,688		125,165

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Nine Months Ended September, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	1,294,399	12,967	1,918,302	18,000
Foundry	111,710	95,374	97,255	104,881
Malleable	229,319	222,441	338,477	311,315
Total pig iron	1,635,428	330,782	2,354,034	434,196
<u>Ferro-alloys</u> (x)	27,005	24,111		

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During September and Nine Months Ended September, 1954 and 1955

	September		Nine months ended September	
	1954	1955	1954	1955
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	44,368	120,277	615,265	997,194
Imported	212,503	332,468	2,137,445	2,826,338
Mill cinder, scale, sinter, etc.	45,419	79,319	438,597	725,462
Limestone	50,926	90,461	582,988	781,148
Dolomite	18,952	22,912	185,752	211,646
Coke	135,232	244,219	1,454,100	2,061,180
Scrap iron and steel	7,609	8,342	57,149	91,857

Table 4 - Description of Iron Blast Furnaces at End of September, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,417,750	89.5
Banked	-	-	-
Blown out	3	400,250	10.5
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During September, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	208,049	127	318,179	5,503
Electric	33,504	-	48,826	67
Total steel ingots	241,553	127	367,005	5,570
Alloy steel ingots included in above	14,132	-	21,584	-
<u>Steel castings</u>				
Open hearth - basic	1,333	26	1,766	1,598
Converter	8	6	38	29
Electric	4,464	2,983	5,663	4,614
Total steel castings	5,805	3,015	7,467	6,241
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	185	157	293	172
(b) High alloy, manganese and abrasion resistant	1,045	937	1,185	1,233
(c) All other alloys	639	203	392	252

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Nine Months Ended September, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,004,673	1,189	2,840,945	69,061
Electric	283,289	184	369,856	169
Total steel ingots	2,287,962	1,373	3,210,801	69,230
Alloy steel ingots included in above	96,598	79	153,747	15
<u>Steel castings</u>				
Open hearth - basic	17,513	13,881	19,485	17,475
Converter	74	58	109	78
Electric	47,008	36,132	43,136	34,424
Total steel castings	64,595	50,071	62,730	51,977
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,499	2,295	1,723	1,400
(b) High alloy, manganese and abrasion resistant	7,526	7,308	9,714	9,543
(c) All other alloys	6,613	1,808	3,603	2,551

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, September, 1954 and 1955, and Nine Months Ended September, 1955

	September 1954	September 1955	Nine months ended September, 1955
(Net tons of 2,000 pounds)			
Pig iron	129,404	220,296	1,917,595
Scrap - Own make	77,750	98,301	882,945
Purchased	58,683	85,138	746,949

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
(Net tons of 2,000 pounds)	
Ingots - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	Ingots	Steel Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	22,420 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	33,374 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795		367,005	7,467	374,472
Total nine months..	2,354,034		3,210,801	62,730	3,273,531

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 324,180 net tons in September, 1955, compared with 196,317 tons in September, 1954. The September, 1955, shipments included 20,782 tons of semi-finished shapes, 14,626 tons of structurals, 26,092 tons of plates, 19,527 tons of rails, 8,299 tons of tie plates and track material, 39,546 tons of hot rolled bars, 34,815 tons of pipes and tubes, 33,965 tons of wire rods, 40,672 tons of black sheets, 16,089 tons of galvanized sheets, 6,910 tons of castings and 62,857 tons of other rolled products. The amount of producers' interchange was 133,042 tons in September, 1955, as against 106,964 tons in September, 1954.

Of the amounts shipped for sale during September, 31,422 tons went direct to railways and railway car shops; 22,518 tons went to pressing, forming and stamping plants; 42,225 tons to merchant trade products; 48,740 tons to building construction; 29,856 tons to the containers industry; 5,027 tons to agricultural equipment; 20,599 tons to the automotive industry; 18,428 tons to machinery plants; 1,218 tons to shipbuilding; 19,596 tons to mining, lumbering, etc., and 5,808 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 46,372 tons and exports for 32,371 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 133,042 tons in September, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, September, 1955

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	6,668	4,116	3,716	
Other semi-finished shapes, not for re-rolling by makers	31,270	15,730	11,694	
Structural shapes and piling	15,329	14,626	-	
Plates	25,142	25,430	-	
Rails	11,648	19,527	-	
Tie plates and track material: Splice bars	515	335	-	
Tie plates	4,531	6,954	-	
Spikes	979	1,010	-	
Concrete reinforcing bars	19,498	19,695	-	
Hot rolled bars for cold finishing	1,512	-	1,553	
Other hot rolled bars	36,146	32,749	3,147	
Pipes and tubes	31,307	34,815	-	
Wire rods	34,035	33,900	277	
Hot rolled black sheets	82,714	20,926	62,529	
Cold reduced black sheets	27,346	19,746	8,334	
Cold reduced strip	2,939	2,926	157	
Galvanized sheets	16,672	16,089	49	
Steel castings	5,510	5,078	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	81,446	38,497	40,809	
Total carbon steel	435,207	312,149	132,265	
<u>Alloy steel</u>				
Billets, etc., for forging	954	936	-	
Other semi-finished shapes, not for re-rolling by makers	753	-	753	
Plates	666	662	-	
Other hot rolled bars	7,365	6,797	24	
Wire rods	43	65	-	
Steel castings	1,864	1,832	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,869	1,739	-	
Total alloy steel	13,514	12,031	777	

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Nine Months Ended September, 1955

	September, 1933	Production (Including producers' interchange)	Shipments For sale	Producers' interchange
		(Tons of 2,000 pounds)		
<u>Carbon steel</u>				
Billets, etc., for forging	77,634	51,880	23,219	
Other semi-finished shapes, not for re-rolling by makers	258,559	159,809	109,494	
Structural shapes and piling	115,207	115,250	1	
Plates	208,281	205,230	224	
Rails	159,193	169,308	-	
Tie plates and track material: Splice bars	10,902	9,913	2,298	
Tie plates	59,296	58,233	1,834	
Spikes	10,696	10,705	-	
Concrete reinforcing bars	151,714	155,951	-	
Hot rolled bars for cold finishing	14,783	-	14,846	
Other hot rolled bars	330,741	273,955	55,095	
Pipes and tubes	228,500	237,167	-	
Wire rods	255,904	254,928	2,050	
Hot rolled black sheets	748,566	184,318	559,156	
Cold reduced black sheets	222,576	161,212	66,805	
Cold reduced strip	25,562	21,279	2,688	
Galvanized sheets	110,723	108,873	117	
Steel castings	46,719	44,397	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	736,761	332,194	388,652	
Total carbon steel	3,772,317	2,554,602	1,226,479	
<u>Alloy steel</u>				
Billets, etc., for forging	8,482	8,553	-	
Other semi-finished shapes, not for re-rolling by makers	4,103	-	4,103	
Plates	1,427	1,293	-	
Other hot rolled bars	58,670	58,399	233	
Wire rods	786	786	-	
Steel castings	14,455	13,809	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	13,932	14,365	3	
Total alloy steel	101,855	97,205	4,339	

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, September, 1955, and Year to Date

	September, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	15,475	5,124	129,594	54,121
Agricultural, including farm machinery	4,936	91	55,183	1,296
Building construction	48,654	86	368,875	496
Containers industry	29,852	4	269,325	68
Machinery and tools	16,486	1,942	138,676	10,415
Merchant trade products	41,846	379	308,191	2,540
Mining, lumbering, etc.	18,513	1,083	132,337	8,529
National defence	2,267	199	15,856	2,179
Pressing, forming and stamping	22,413	105	180,781	788
Public works and utilities	1,859	42	17,784	474
Railway operating	19,280	133	191,072	919
Railway cars and locomotives	11,241	768	85,853	2,401
Shipbuilding	1,147	71	9,325	325
Miscellaneous and unclassified	1,252	189	13,106	1,701
Wholesalers and warehouses	45,914	458	342,654	2,323
Direct export (a) to British Empire	5,034	373	86,784	2,304
(b) to other countries	25,980	984	209,206	6,326
Total shipped for sale	312,149	12,031	2,554,602	97,205
Producers' interchange	132,265	777	1,226,479	4,339

Table 13 - Imports of Primary Forms of Iron and Steel, September, 1955, and Year to Date

Commodity	Country of origin	September, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pig iron -							
Silvery	United States	-	-	-	2,252	-	-
Foundry	United States	-	-	-	2,602	-	-
Malleable	United States	49	-	-	49	-	-
	United Kingdom	-	-	-	1,327	-	-
Ingots	United States	137	104	-	693	1,060	-
Billets, blooms, slabs and sheet bars ..	United States	-	170	-	392	697	105.7
	United Kingdom	-	-	-	8	30	-
Bars and sections -							
Hot rolled, n.o.p.	United States	4,596	365	10.2	25,129	2,144	99.5
	United Kingdom	48	55	8.5	1,209	363	87.6
	Belgium	1,121	-	-	8,958	-	-
	France	58	-	-	845	-	-
	Japan	28	-	-	4,126	-	-
	Sweden	-	-	-	7	-	-
Hot rolled -							
For agricultural implements	United States	755	168	-	4,556	491	-
Rounds over 4½", squares over 4" ...	United States	110	5	-	908	35	-
	United Kingdom	22	9	.8	304	28	1.3
Angles, channels, etc.	United States	886	-	2.3	6,814	-	43.1
	United Kingdom	40	-	-	189	-	3.3
	Germany	-	-	-	77	-	-
	Belgium	654	-	-	2,388	-	-
	France	55	-	-	901	-	-
	Sweden	-	-	2.8	-	-	5.0
Structurals (bar sizes) for							
agricultural implements	United States	108	-	-	527	-	-
Sash or casement sections	United States	139	-	-	1,322	-	-
	United Kingdom	5	-	-	130	-	-
	Belgium	39	-	-	114	-	-
Cold finished, n.o.p.	United States	833	214	33.2	4,009	902	105.1
	United Kingdom	148	-	4.7	904	-	72.5
	Germany	-	-	-	2	-	-
	Belgium	52	-	-	326	-	-
	Sweden	-	-	-	16	17	-
Cold finished, for agricultural							
implements	United States	115	-	-	1,433	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, September, 1955, and Year to Date (Continued)

Commodity	Country of origin	September, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Tool steel	United States	25	44	-	119	454	-
	United Kingdom	11	57	-	142	664	-
	Germany	-	-	-	-	2	-
	Austria	-	5	-	-	45	-
Structurals -							
W.F. beams, 8" and over	United States	15,906	-	-	120,535	-	-
	United Kingdom	-	-	-	1,400	-	-
	Belgium	489	-	-	3,228	-	-
	France	58	-	-	594	-	-
W.F. beams, under 8"	United States	822	-	-	4,509	-	-
	Belgium	4	-	-	135	-	-
Sheet piling	United States	130	-	-	1,825	-	-
	United Kingdom	214	-	-	270	-	-
	Germany	-	-	-	756	-	-
	Belgium	69	-	-	498	-	-
All other	United States	6,455	-	-	39,567	-	-
	United Kingdom	80	-	-	893	-	-
	Belgium	2,089	-	-	12,561	-	-
	France	519	-	-	6,710	-	-
Plates -							
78" and under in width	United States	3,450	280	178.5	23,965	532	930.9
	United Kingdom	1,370	-	12.7	9,039	-	150.5
	Germany	146	-	-	633	-	-
	France	-	-	-	17	-	-
	Japan	2,370	-	-	8,571	-	-
Over 78" and under 100" in width	United States	3,043	-	13.1	17,681	-	106.9
	United Kingdom	1,170	-	2.5	3,507	-	3.2
	Japan	-	-	-	198	-	-
100" in width and over	United States	477	-	12.0	5,312	-	141.8
	United Kingdom	158	-	-	638	-	-
Flanged, dished or curved	United States	110	-	-	1,027	-	-
Boiler, pulp-mill digesters	United States	900	-	-	3,584	-	-
Chequered or surface pattern	United States	1,655	-	-	9,005	-	-
	United Kingdom	-	-	-	101	-	-
Sheets -							
Silicon .075 or more	United States	-	1,212	-	-	10,671	-
	United Kingdom	-	-	-	-	115	-
Galvanized	United States	2,419	-	-	18,331	-	-
	United Kingdom	95	-	-	404	-	-
	Japan	-	-	-	123	-	-
Corrugated	United States	493	-	-	5,341	-	-
	United Kingdom	-	-	-	39	-	-
Hot rolled -							
18 gauge and heavier	United States	6,152	136	-	29,182	240	23.0
	United Kingdom	64	-	6.4	709	-	247.7
	Sweden	-	-	1.6	2	-	135.6
Lighter than 18 gauge	United States	8	-	-	18	18	4.2
	United Kingdom	-	-	-	-	-	30.3
	Sweden	-	-	-	-	-	.6
Cold rolled -							
18 gauge and heavier	United States	793	-	64.9	5,291	12	686.1
	United Kingdom	77	-	31.3	231	-	308.1
Lighter than 18 gauge	United States	1,909	21	151.2	8,927	36	1279.7
	United Kingdom	402	-	39.2	1,492	-	211.5
	France	-	-	-	1	-	-
For motor vehicles	United States	2,146	-	-	18,309	-	-
For hollow ware (vitreous enamel)	United States	1,159	-	-	7,493	-	-
	United Kingdom	318	-	-	2,064	-	-
Coated with paint, tar, asphaltum, etc...	United States	99	-	-	914	-	-
For saws	United States	-	77	-	-	585	-
	United Kingdom	-	-	-	-	27	-
Wasters and rejects	United States	3,058	-	-	6,872	-	-
Tin mill black plate	United States	-	-	-	135	-	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, September, 1955, and Year to Date (Continued)

		September, 1955			Year to date		
Commodity	Country of origin	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Sheets (concluded) -							
Tin plate - Primes	United States	66	-	-	4,312	-	-
	United Kingdom	88	-	-	178	-	-
Tin plate - Electrolytic coating	United States	315	-	-	2,859	-	-
Tin plate - Seconds and wasters	United States	647	-	-	2,259	-	-
Terne plate - Long	United States	729	-	-	4,633	-	-
Short	United States	131	-	-	1,501	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	750	-	11.4	3,820	10	12.8
	United Kingdom	-	-	-	33	-	-
	Belgium	95	-	-	225	-	-
	France	-	-	-	32	-	-
Lighter than 18 gauge	United States	9	-	-	37	-	-
Cold rolled -							
18 gauge and heavier	United States	189	67	42.4	1,415	256	212.5
	United Kingdom	-	-	-	24	-	-
	Sweden	-	3	-	2	3	-
Lighter than 18 gauge	United States	344	14	120.0	2,366	121	933.3
	United Kingdom	8	-	-	147	-	-
	Germany	-	-	-	11	-	-
	Belgium	10	-	-	10	-	-
	Sweden	-	38	-	23	233	1.9
	Netherlands	-	-	-	3	-	-
Hot rolled strip for cold rolling	United States	-	-	-	126	-	-
For saws	United States	-	20	-	57	421	-
	United Kingdom	-	1	-	-	16	-
	Sweden	-	15	-	-	95	-
For motor vehicles	United States	754	-	-	5,807	-	-
For hoops	United States	91	-	-	500	-	-
	United Kingdom	42	-	-	109	-	-
	Sweden	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc...	United States	916	-	-	6,242	-	-
	United Kingdom	10	-	-	46	-	-
	Germany	11	-	-	42	-	-
For butt hinges	United States	158	-	-	581	-	-
	United Kingdom	-	-	-	38	-	-
	Belgium	-	-	-	50	-	-
Galvanized	United States	433	-	-	3,491	-	-
	United Kingdom	53	-	-	163	-	-
	Germany	-	-	-	12	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more	United States	-	482	-	-	4,860	-
Skelp -							
15 $\frac{3}{8}$ " and under in width	United States	6,248	-	-	47,205	-	-
	Germany	-	-	-	1,494	-	-
Over 15 $\frac{3}{8}$ " in width	United States	2,361	-	-	9,012	-	-
Pipes and tubes -							
Spiral weld pipe	United States	195	-	-	1,160	-	-
Cast	United States	87	-	-	470	-	-
	United Kingdom	2,487	-	-	14,862	-	-
	France	-	-	-	241	-	-
For bedstead	United States	21	-	-	21	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	219	63	-	1,637	224	10.4
	United Kingdom	137	-	-	1,029	-	-
	Germany	-	-	-	78	-	-
	Italy	-	-	-	24	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	20	3	2.2	327	37	2.7
	United Kingdom	10	-	-	415	-	-
	Sweden	4	-	17.6	6	-	23.7
Welded	United States	113	-	-	1,194	-	.1
	United Kingdom	113	-	-	1,485	-	-
	Switzerland	-	-	-	83	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, September, 1955, and Year to Date (Continued)

Commodity	Country of origin	September, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes (concluded) -							
Seamless, 12" and under in diameter -							
Cold drawn	United States	551	148	28.3	4,511	1,016	270.3
	United Kingdom	77	-	21.5	965	9	126.6
	Germany	-	-	-	13	-	-
	Sweden	52	-	1.7	207	140	23.2
Hot finished	United States	901	78	-	3,594	315	1.8
	United Kingdom	1,293	-	-	6,518	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	211	-	-	2,585	4	-
	United Kingdom	32	-	-	1,065	-	-
Welded, 4" and under in diameter ...	United States	964	320	5.4	6,643	2,511	43.7
	United Kingdom	412	-	.4	2,561	-	.6
	Germany	-	-	-	80	-	-
	Belgium	51	-	-	108	-	-
	France	16	-	-	539	-	-
	Sweden	-	-	-	-	-	.2
	Netherlands	3	-	-	5	-	-
Welded, over 4" in diameter	United States	482	-	9.1	1,840	-	20.3
	United Kingdom	-	-	-	543	-	-
Conduit	United States	33	-	-	785	-	-
Casings	United States	2,424	-	-	22,788	-	-
	United Kingdom	1,097	-	-	7,529	-	-
	Germany	1,162	-	-	3,543	-	-
	Belgium	-	-	-	213	-	-
	France	1,876	-	-	9,095	-	-
	Japan	1,355	-	-	16,056	-	-
	Italy	319	-	-	3,596	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	24	-	-	225	-	-
Wire rope	United States	45	-	-	367	-	.6
	United Kingdom	170	-	-	1,331	-	-
	Germany	71	-	-	503	-	-
	Belgium	6	-	-	76	-	-
	Denmark	-	-	-	1	-	-
	Japan	-	-	-	60	-	-
	Norway	-	-	-	28	-	-
	Netherlands	6	-	-	356	-	-
Wire - For rope	United States	583	-	-	3,768	-	3.9
	United Kingdom	1,334	-	-	7,719	-	-
	Germany	47	-	-	119	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	282	-	-	882	-	-
	United Kingdom	-	-	-	6	-	-
For corset clasps, dress stays, etc.	United States	8	-	-	51	-	-
	United Kingdom	-	-	-	5	-	-
Coated or covered	United States	78	-	-	330	-	-
	United Kingdom	15	-	-	208	-	-
	Germany	-	-	-	88	-	-
	Belgium	-	-	-	87	-	-
	France	-	-	-	35	-	-
All other	United States	527	208	4.7	3,869	488	28.3
	United Kingdom	33	-	-	453	-	1.3
	Belgium	80	-	-	235	-	-
	France	-	-	-	36	-	-
	Sweden	-	-	.1	14	22	1.4
	Japan	13	-	-	123	-	-
	Netherlands	-	-	-	26	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, September, 1955, and Year to Date (Concluded)

Commodity	Country of origin	September, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Wire rods, not over $\frac{3}{8}$ " in diameter	United States	162	-	-	762	-	-
	United Kingdom	112	-	-	1,107	-	-
	Germany	563	-	-	780	-	-
	Sweden	-	-	-	15	-	-
Welding wire and welding rods	United States	2	145	-	19	864	-
	United Kingdom	-	1	-	-	11	-
Axles - For railway vehicles	United States	53	-	-	94	-	-
Tires - For railway rolling stock	United States	4	-	-	525	-	-
	United Kingdom	284	-	-	1,025	-	-
Wheels - For railway rolling stock	United States	108	-	-	3,148	-	-
	United Kingdom	1,564	-	-	5,956	-	-
Rails - 60 lb. and under	United States	53	-	-	406	-	-
	Germany	22	-	-	82	-	-
	Belgium	27	-	-	257	-	-
	France	228	-	-	228	-	-
Over 60 lb. and including							
100 lb.	United States	51	-	-	487	-	-
	United Kingdom	-	-	-	8,479	-	-
Over 100 lb.	United States	2	-	-	2,150	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	68	-	-	1,777	-	-
	United Kingdom	252	-	-	1,025	-	-
	Germany	1	-	-	3	-	-
	Belgium	1	-	-	11	-	-
	France	9	-	-	9	-	-
Switch points, etc.	United States	4	-	-	45	-	-
Total imports	United States	81,353	4,344	688.9	541,311	29,000	5072.8
	All other	27,624	184	151.8	181,144	1,824	1430.0
TOTAL		108,977	4,528	840.7	722,455	30,824	6502.8

Table 14 - Exports of Primary Iron and Steel, September, 1955, and Year to Date

	September, 1955	Year to date
(Tons of 2,000 pounds)		
Pig iron	37,777	181,048
Ingots, blooms and billets	32,207	185,510
Bars	772	7,880
Rods	789	7,626
Plates, sheets and strips	2,730	54,258
Rails	7,863	54,041
Structural shapes	354	1,819
Pipe and tubing - Wrought iron	280	532
Cast iron	-	657
Galvanized	61	2,163
Other	52	421
Castings, iron and steel	674	8,528
Forgings	179	2,472
Total	83,738	506,955

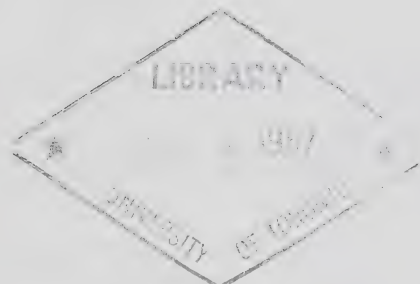
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PRIMARY IRON AND STEEL

OCTOBER, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-105

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 10

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 293,423 tons in October, 1955, compared with 181,895 tons in the corresponding month of last year. The total for the current month included 224,828 tons of basic iron, 41,488 tons of malleable iron and 27,107 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during October, 1955, totalled 417,266 tons compared with 279,320 tons in October of last year. Output in the month under review included 409,466 tons of ingots and 7,800 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During October, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	148,398	4,334	224,828	2,693
Foundry	14,936	18,431	27,107	21,201
Malleable	18,561	23,772	41,488	47,217
Total pig iron	181,895	46,537	293,423	71,111
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month ...	97,873		117,323	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Ten Months Ended October, 1954 and 1955

	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	1,442,797	17,301	2,143,130	20,693
Foundry	126,646	113,805	124,362	126,082
Malleable	247,880	246,213	379,965	358,532
Total pig iron	1,817,323	377,319	2,647,457	505,307
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During October and Ten Months Ended October, 1954 and 1955

	October		Ten months ended October	
	1954	1955	1954	1955
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	43,481	115,237	658,746	1,112,431
Imported	269,968	353,140	2,407,413	3,179,478
Mill cinder, scale, sinter, etc.	44,622	90,980	483,219	816,442
Limestone	60,274	97,687	643,262	878,835
Dolomite	23,862	26,713	209,614	238,359
Coke	161,924	257,228	1,616,024	2,318,408
Scrap iron and steel	8,210	11,336	65,359	103,193

Table 4 - Description of Iron Blast Furnaces at End of October, 1955

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,417,750	89.5
Banked	-	-	-
Blown out	3	400,250	10.5
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During October, 1954 and 1955

Table 5 - Production and Sales During October, 1954 and 1955				
	1954		1955	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic	238,721	118	358,384	11,094
Electric	35,700	-	51,082	3,335
Total steel ingots	274,421	118	409,466	14,429
Alloy steel ingots included in above	11,565	-	24,340	-
<u>Steel castings</u>				
Open hearth - basic	1,415	1,226	1,758	1,547
Converter	9	12	37	29
Electric	3,475	2,695	6,005	4,705
Total steel castings	4,899	3,933	7,800	6,281
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	173	163	305	160
(b) High alloy, manganese and abrasion resistant	845	814	1,389	1,139
(c) All other alloys	249	166	275	190

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Ten Months Ended October, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic	2,243,394	1,307	3,199,329	80,155
Electric	318,989	184	420,938	3,504
Total steel ingots	2,562,383	1,491	3,620,267	83,659
Alloy steel ingots included in above	108,163	79	178,087	15
<u>Steel castings</u>				
Open hearth - basic	18,928	15,107	21,243	19,022
Converter	83	70	146	107
Electric	50,483	38,827	49,141	39,129
Total steel castings	69,494	54,004	70,530	58,258
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,672	2,458	2,028	1,560
(b) High alloy, manganese and abrasion resistant	8,371	8,122	11,103	10,682
(c) All other alloys	6,862	1,974	3,878	2,741

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

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Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, October, 1954 and 1955, and Ten Months Ended October, 1955

	October 1954	October 1955	Ten months ended October, 1955
	(Net tons of 2,000 pounds)		
Pig iron	151,910	230,153	2,147,748
Scrap - Own make	81,047	116,634	999,579
Purchased	62,219	103,213	850,162

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
			(Net tons of 2,000 pounds)		
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180*(1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	33,554*(2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
Total ten months	2,647,457		3,620,267	70,530	3,690,797

* Revised.

- (1) First quarter.
(2) Second quarter.
(3) Third quarter.
(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 341,181 net tons in October, 1955, compared with 211,310 tons in October, 1954. The October, 1955, shipments included 34,397 tons of semi-finished shapes, 17,443 tons of structurals, 25,793 tons of plates, 18,588 tons of rails, 2,565 tons of tie plates and track material, 51,566 tons of hot rolled bars, 30,988 tons of pipes and tubes, 32,321 tons of wire rods, 42,578 tons of black sheets, 16,710 tons of galvanized sheets, 6,959 tons of castings and 61,273 tons of other rolled products. The amount of producers' interchange was 133,088 tons in October, 1955, as against 103,817 tons in October, 1954.

Of the amounts shipped for sale during October, 26,972 tons went direct to railways and railway car shops; 23,406 tons went to pressing, forming and stamping plants; 41,334 tons to merchant trade products; 51,268 tons to building construction; 25,479 tons to the containers industry; 9,952 tons to agricultural equipment; 25,220 tons to the automotive industry; 19,682 tons to machinery plants; 1,011 tons to shipbuilding; 17,372 tons to mining, lumbering, etc., and 5,931 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 47,321 tons and exports for 46,233 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 133,088 tons in October, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, October, 1955

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	6,939	2,071	1,874
Other semi-finished shapes, not for re-rolling by makers	26,044	31,622	9,237
Structural shapes and piling	15,082	17,443	-
Plates	26,319	24,994	-
Rails	21,878	18,588	-
Tie plates and track material: Splice bars	1,112	478	-
Tie plates	1,356	1,336	-
Spikes	729	751	-
Concrete reinforcing bars	27,395	25,096	-
Hot rolled bars for cold finishing	1,997	-	1,976
Other hot rolled bars	41,810	44,132	2,267
Pipes and tubes	29,071	30,988	-
Wire rods	33,226	32,153	101
Hot rolled black sheets	90,891	22,459	67,718
Cold reduced black sheets	30,875	20,119	8,133
Cold reduced strip	2,624	2,465	51
Galvanized sheets	16,459	16,710	4
Steel castings	5,614	5,464	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	79,841	32,088	40,763
Total carbon steel	459,262	328,957	132,124
<u>Alloy steel</u>			
Billets, etc., for forging	777	704	-
Other semi-finished shapes, not for re-rolling by makers	890	-	890
Plates	721	799	-
Other hot rolled bars	8,442	7,434	14
Wire rods	183	168	-
Steel castings	2,025	1,495	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,666	1,624	60
Total alloy steel	14,704	12,224	964

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Ten Months Ended October, 1955

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	84,573	13,951	25,093
Other semi-finished shapes, not for re-rolling by makers	284,603	191,431	118,731
Structural shapes and piling	130,289	132,693	1
Plates	234,600	230,224	224
Rails	181,071	187,896	-
Tie plates and track material: Splice bars	12,014	10,391	2,298
Tie plates	60,652	59,569	1,834
Spikes	11,425	11,456	-
Concrete reinforcing bars	179,109	181,047	-
Hot rolled bars for cold finishing	16,780	-	16,822
Other hot rolled bars	372,551	318,087	57,362
Pipes and tubes	257,571	268,155	-
Wire rods	289,130	287,081	2,151
Hot rolled black sheets	839,457	206,777	626,874
Cold reduced black sheets	253,451	181,331	74,938
Cold reduced strip	28,186	23,744	2,739
Galvanized sheets	127,182	125,583	121
Steel castings	52,333	49,861	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	816,602	364,282	429,415
Total carbon steel	4,231,579	2,883,559	1,358,603

Alloy steel

Billets, etc., for forging	9,259	9,257	-
Other semi-finished shapes, not for re-rolling by makers	4,993	-	4,993
Plates	2,148	2,092	-
Other hot rolled bars	67,112	65,833	247
Wire rods	969	954	-
Steel castings	16,480	15,304	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	15,598	15,989	63
Total alloy steel	116,559	109,429	5,303

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, October, 1955, and Year to Date

	October, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	19,229	5,991	148,823	60,112
Agricultural, including farm machinery	9,665	287	64,848	1,583
Building construction	51,221	47	420,096	543
Containers industry	25,474	5	294,799	73
Machinery and tools	18,243	1,439	156,919	11,854
Merchant trade products	41,062	272	349,253	2,812
Mining, lumbering, etc.	16,149	1,223	148,486	9,752
National defence	2,356	39	18,212	2,218
Pressing, forming and stamping	23,290	116	204,071	904
Public works and utilities	1,822	76	19,606	550
Railway operating	13,577	88	204,649	1,007
Railway cars and locomotives	12,338	969	98,191	3,370
Shipbuilding	982	29	10,307	354
Miscellaneous and unclassified	1,430	208	14,536	1,909
Wholesalers and warehouses	46,868	453	389,522	2,776
Direct export (a) to British Empire	15,353	347	102,137	2,651
(b) to other countries	29,898	635	239,104	6,961
Total shipped for sale	328,957	12,224	2,883,559	109,429
Producers' interchange	132,124	964	1,358,603	5,303

Table 13 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date

Commodity	Country of origin	October, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	56	-	-	2,308	-	-
Foundry	United States	2,898	-	-	5,500	-	-
Malleable	United States	-	-	-	49	-	-
	United Kingdom	-	-	-	1,327	-	-
Ingots	United States	-	78	-	693	1,138	-
Billets, blooms, slabs and sheet bars ..	United States	-	38	.4	392	735	106.1
	United Kingdom	-	5	-	8	35	-
Bars and sections -							
Hot rolled, n.o.p.	United States	5,399	251	55.1	30,528	2,395	154.6
	United Kingdom	54	55	5.2	1,263	418	92.8
	Germany	301	-	-	301	-	-
	Belgium	1,793	-	-	10,751	-	-
	France	466	-	-	1,311	-	-
	Japan	182	-	-	4,308	-	-
	Sweden	-	-	-	7	-	-
Hot rolled -							
For agricultural implements	United States	1,139	38	-	5,695	529	-
Rounds over 4 $\frac{1}{2}$ " , squares over 4" ...	United States	28	6	-	936	41	-
	United Kingdom	9	12	-	313	40	1.3
Angles, channels, etc.	United States	767	-	7.0	7,581	-	50.1
	United Kingdom	57	-	-	246	-	3.3
	Germany	-	-	-	77	-	-
	Belgium	1,810	-	-	4,198	-	-
	France	111	-	-	1,012	-	-
	Sweden	-	-	-	-	-	5.0
Structurals (bar sizes) for agricultural implements	United States	204	-	-	731	-	-
Sash or casement sections	United States	420	-	-	1,742	-	-
	United Kingdom	89	-	-	219	-	-
	Belgium	16	-	-	130	-	-
Cold finished, n.o.p.	United States	765	227	11.1	4,774	1,129	116.2
	United Kingdom	194	-	13.8	1,098	-	86.3
	Germany	-	-	-	2	-	-
	Belgium	68	-	-	394	-	-
	Sweden	-	-	-	16	17	-
Cold finished, for agricultural implements	United States	307	-	-	1,740	-	-

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Table 13 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date (Continued)

Table 13 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date (Continued)							
Commodity	Country of origin	October, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Tool steel	United States	2	57	-	121	511	-
	United Kingdom	16	92	-	158	756	-
	Germany	-	-	-	-	2	-
	Austria	-	-	-	-	45	-
Structurals -							
W.F. beams, 8" and over	United States	13,145	-	-	133,680	-	-
	United Kingdom	-	-	-	1,400	-	-
	Belgium	1,071	-	-	4,299	-	-
	France	53	-	-	647	-	-
W.F. beams, under 8"	United States	722	-	-	5,231	-	-
	Belgium	51	-	-	186	-	-
Sheet piling	United States	320	-	-	2,145	-	-
	United Kingdom	1,514	-	-	1,784	-	-
	Germany	-	-	-	756	-	-
	Belgium	-	-	-	498	-	-
All other	United States	9,306	-	-	48,873	-	-
	United Kingdom	19	-	-	912	-	-
	Belgium	3,482	-	-	16,043	-	-
	France	303	-	-	7,013	-	-
	Japan	2	-	-	2	-	-
Plates -							
78" and under in width	United States	5,512	5	75.5	29,477	537	1006.4
	United Kingdom	1,188	-	41.6	10,227	-	192.1
	Germany	363	-	-	996	-	-
	France	-	-	-	17	-	-
	Japan	1,838	-	-	10,409	-	-
Over 78" and under 100" in width	United States	2,742	-	20.6	20,423	-	127.5
	United Kingdom	363	-	-	3,870	-	3.2
	Japan	-	-	-	198	-	-
100" in width and over	United States	306	-	-	5,618	-	141.8
	United Kingdom	-	-	-	638	-	-
Flanged, dished or curved	United States	113	-	-	1,140	-	-
Boiler, pulp-mill digesters	United States	639	-	-	4,223	-	-
Chequered or surface pattern	United States	1,190	-	-	10,195	-	-
	United Kingdom	-	-	-	101	-	-
Sheets -							
Silicon .075 or more	United States	-	1,281	-	-	11,952	-
	United Kingdom	-	-	-	-	115	-
Galvanized	United States	1,561	-	-	19,892	-	-
	United Kingdom	101	-	-	505	-	-
	Japan	-	-	-	123	-	-
Corrugated	United States	864	-	-	6,205	-	-
	United Kingdom	-	-	-	39	-	-
Hot rolled -							
18 gauge and heavier	United States	6,125	9	21.8	35,307	249	44.8
	United Kingdom	214	-	10.5	923	-	258.2
	Sweden	-	-	13.5	2	-	149.1
Lighter than 18 gauge	United States	-	-	-	18	18	4.2
	United Kingdom	23	-	-	23	-	30.3
	Sweden	-	-	-	-	-	.6
Cold rolled -							
18 gauge and heavier	United States	1,249	-	82.5	6,540	12	768.6
	United Kingdom	171	-	77.6	402	-	385.7
Lighter than 18 gauge	United States	2,887	-	131.3	11,814	36	1411.0
	United Kingdom	332	-	53.2	1,824	-	264.7
	France	-	-	-	1	-	-
For motor vehicles	United States	2,062	-	-	20,371	-	-
For hollow ware (vitreous enamel)	United States	1,211	-	-	8,704	-	-
	United Kingdom	161	-	-	2,225	-	-
Coated with paint, tar, asphaltum, etc..	United States	118	-	-	1,032	-	-
For saws	United States	-	131	-	-	716	-
	United Kingdom	-	5	-	-	32	-
Wasters and rejects	United States	3,580	-	-	10,452	-	-
Tin mill black plate	United States	-	-	-	135	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date (Continued)

Commodity	Country of origin	October, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Sheets (concluded) -							
Tin plate - Primes	United States	178	-	-	4,490	-	-
	United Kingdom	55	-	-	233	-	-
Tin plate - Electrolytic coating	United States	170	-	-	3,029	-	-
Tin plate - Seconds and wasters	United States	49	-	-	2,308	-	-
Terne plate - Long	United States	723	-	-	5,356	-	-
Short	United States	118	-	-	1,619	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	619	-	-	4,439	10	12.8
	United Kingdom	-	-	-	33	-	-
	Belgium	25	-	-	250	-	-
	France	183	-	-	215	-	-
Lighter than 18 gauge	United States	44	-	-	81	-	-
Cold rolled -							
18 gauge and heavier	United States	217	14	44.0	1,632	270	256.5
	United Kingdom	-	-	-	24	-	-
	Sweden	-	-	-	2	3	-
Lighter than 18 gauge	United States	557	43	69.5	2,923	164	1002.8
	United Kingdom	10	-	-	157	-	-
	Germany	-	-	-	11	-	-
	Belgium	-	-	-	10	-	-
	Sweden	-	37	.4	23	270	2.3
	Netherlands	4	-	-	7	-	-
Hot rolled strip for cold rolling	United States	-	-	-	126	-	-
For saws	United States	-	66	-	57	487	-
	United Kingdom	-	-	-	-	16	-
	Sweden	-	15	-	-	110	-
For motor vehicles	United States	830	-	-	6,637	-	-
For hoops	United States	35	-	-	535	-	-
	United Kingdom	47	-	-	156	-	-
	Sweden	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc...	United States	706	-	-	6,948	-	-
	United Kingdom	10	-	-	56	-	-
	Germany	17	-	-	59	-	-
For butt hinges	United States	20	-	-	601	-	-
	United Kingdom	41	-	-	79	-	-
	Belgium	-	-	-	50	-	-
Galvanized	United States	676	-	-	4,167	-	-
	United Kingdom	55	-	-	218	-	-
	Germany	-	-	-	12	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more	United States	-	752	-	-	5,612	-
Skelp -							
15 ³ / ₈ " and under in width	United States	5,698	-	-	52,903	-	-
	Germany	-	-	-	1,494	-	-
Over 15 ³ / ₈ " in width	United States	1,074	-	-	10,086	-	-
Pipes and tubes -							
Spiral weld pipe	United States	133	-	-	1,293	-	-
Cast	United States	5	-	-	475	-	-
	United Kingdom	2,310	-	-	17,172	-	-
	France	-	-	-	241	-	-
For bedstead	United States	-	-	-	21	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	201	-	32.3	1,838	224	42.7
	United Kingdom	279	-	-	1,308	-	-
	Germany	-	-	-	78	-	-
	France	17	-	-	17	-	-
	Italy	-	-	-	24	-	-
	Sweden	-	-	-	3	-	-
Cold drawn	United States	15	2	-	342	39	2.7
	United Kingdom	5	-	-	420	-	-
	Sweden	-	-	-	6	-	23.7

Table 13 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date (Continued)

Commodity	Country of origin	October, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes (concluded) -							
Repair of pressure parts of boilers (concluded) -							
Welded	United States	67	-	-	1,261	-	.1
	United Kingdom	373	-	-	1,858	-	-
	Switzerland	46	-	-	129	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	808	213	43.7	5,319	1,229	314.0
	United Kingdom	147	4	10.2	1,112	13	136.8
	Germany	-	-	-	13	-	-
	Sweden	9	-	3.2	216	140	26.4
Hot finished	United States	467	418	-	4,061	733	1.8
	United Kingdom	1,214	-	-	7,732	-	-
	Germany	-	-	-	333	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	273	2	-	2,858	6	-
	United Kingdom	-	-	-	1,065	-	-
Welded, 4" and under in diameter ...	United States	1,171	-	2.6	7,814	2,511	46.3
	United Kingdom	814	-	-	3,375	-	.6
	Germany	-	-	-	80	-	-
	Belgium	-	-	-	108	-	-
	France	75	-	-	614	-	-
	Sweden	-	-	-	-	-	.2
	Netherlands	12	-	-	17	-	-
Welded, over 4" in diameter	United States	5,018	-	7.9	6,858	-	28.2
	United Kingdom	-	-	-	543	-	-
Conduit	United States	137	-	-	922	-	-
Casings	United States	4,901	-	-	27,689	-	-
	United Kingdom	727	-	-	8,256	-	-
	Germany	466	-	-	4,009	-	-
	Belgium	662	-	-	875	-	-
	France	846	-	-	9,941	-	-
	Japan	1,335	-	-	17,391	-	-
	Italy	895	-	-	4,491	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	26	-	-	251	-	-
Wire rope							
	United States	69	-	-	436	-	.6
	United Kingdom	208	-	-	1,539	-	-
	Germany	135	-	-	638	-	-
	Belgium	6	-	-	82	-	-
	Denmark	-	-	-	1	-	-
	Sweden	3	-	-	3	-	-
	Japan	11	-	-	71	-	-
	Norway	-	-	-	28	-	-
	Netherlands	40	-	-	396	-	-
Wire - For rope	United States	724	-	2.4	4,492	-	6.3
	United Kingdom	810	-	-	8,529	-	-
	Germany	-	-	-	119	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	213	-	-	1,095	-	-
	United Kingdom	11	-	-	17	-	-
For corset clasps, dress stays, etc.	United States	10	-	-	61	-	-
	United Kingdom	1	-	-	6	-	-
Coated or covered	United States	77	-	-	407	-	-
	United Kingdom	32	-	-	240	-	-
	Germany	-	-	-	88	-	-
	Belgium	-	-	-	87	-	-
	France	-	-	-	35	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date (Concluded)

Table 17 - Imports of Primary Forms of Iron and Steel, October, 1955, and Year to Date (Continued)

Commodity	Country of origin	October, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire - All other	United States	565	85	1.5	4,434	573	29.8
	United Kingdom	28	-	-	481	-	1.3
	Belgium	131	-	-	366	-	-
	France	-	-	-	36	-	-
	Sweden	-	-	-	14	22	1.4
	Japan	-	-	-	123	-	-
	Netherlands	-	-	-	26	-	-
Wire rods, not over 3/8" in diameter	United States	163	-	-	925	-	-
	United Kingdom	-	-	-	1,107	-	-
	Germany	547	-	-	1,327	-	-
	Belgium	55	-	-	55	-	-
	Sweden	-	-	-	15	-	-
Welding wire and welding rods	United States	3	33	-	22	897	-
	United Kingdom	-	-	-	-	11	-
Axles - For railway vehicles	United States	-	-	-	94	-	-
Tires - For railway rolling stock	United States	8	-	-	533	-	-
	United Kingdom	160	-	-	1,185	-	-
Wheels - For railway rolling stock	United States	10	-	-	3,158	-	-
	United Kingdom	1,489	-	-	7,445	-	-
Rails - 60 lb. and under	United States	162	-	-	568	-	-
	Germany	-	-	-	82	-	-
	Belgium	-	-	-	257	-	-
	France	28	-	-	256	-	-
Over 60 lb. and including							
100 lb.	United States	17	-	-	504	-	-
	United Kingdom	1,497	-	-	9,976	-	-
Over 100 lb.	United States	-	-	-	2,150	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	39	-	-	1,816	-	-
	United Kingdom	125	-	-	1,150	-	-
	Germany	-	-	-	3	-	-
	Belgium	-	-	-	11	-	-
	France	1	-	-	10	-	-
Switch points, etc.	United States	2	-	-	47	-	-
Total imports	United States	92,635	3,749	609.2	633,946	32,749	5682.0
	All other	32,412	225	229.2	213,556	2,049	1659.2
TOTAL		125,047	3,974	838.4	847,502	34,798	7341.2

Table 14 - Exports of Primary Iron and Steel, October, 1955, and Year to Date

	October, 1955	Year to date
(Tons of 2,000 pounds)		
Pig iron	39,773	220,821
Ingots, blooms and billets	21,219	206,729
Bars	601	8,481
Rods	262	7,888
Plates, sheets and strips	6,747	61,005
Rails	12,320	66,361
Structural shapes	150	1,969
Pipe and tubing - Wrought iron	2	534
Cast iron	58	715
Galvanized	56	2,219
Other	33	454
Castings, iron and steel	923	9,451
Forgings	214	2,686
Total	82,358	589,313



PRIMARY IRON AND STEEL

NOVEMBER, 1955



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-115

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 11

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 284,372 tons in November, 1955, compared with 210,476 tons in the corresponding month of last year. The total for the current month included 216,351 tons of basic iron, 38,655 tons of malleable iron and 29,366 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during November, 1955, totalled 415,477 tons compared with 287,173 tons in November of last year. Output in the month under review included 406,772 tons of ingots and 8,705 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During November, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made [★]	Tonnage shipped	Tonnage made [★]	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	165,203	8,058	216,351	656
Foundry	15,978	18,822	29,366	25,836
Malleable	29,295	31,836	38,655	49,002
Total pig iron	210,476	58,716	284,372	75,494
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	114,808		106,480	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Eleven Months Ended November, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made [★]	Tonnage shipped	Tonnage made [★]	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	1,608,000	25,359	2,359,481	21,349
Foundry	142,624	132,627	153,728	151,918
Malleable	277,175	278,049	418,620	407,534
Total pig iron	2,027,799	436,035	2,931,829	580,801
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During November and Eleven Months Ended November, 1954 and 1955

	November		Eleven months ended November	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	47,786	114,982	706,532	1,227,413
Imported	306,948	325,812	2,714,361	3,505,290
Mill cinder, scale, sinter, etc.	54,911	99,656	538,130	916,098
Limestone	71,446	95,038	714,708	973,873
Dolomite	23,607	24,335	233,221	262,694
Coke	185,248	247,898	1,801,272	2,566,306
Scrap iron and steel	10,070	19,727	75,429	122,920

Table 4 - Description of Iron Blast Furnaces at End of November, 1955

	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,292,800	86.3
Banked	-	-	-
Blown out	4	525,200	13.7
Total	16	3,818,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During November, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	246,150	89	354,246	13,492
Electric	35,960	-	52,526	3,937
Total steel ingots	282,110	89	406,772	17,429
Alloy steel ingots included in above	12,596	-	20,880	-
<u>Steel castings</u>				
Open hearth - basic	1,550	1,398	2,511	2,205
Converter	11	7	17	16
Electric	3,502	2,930	6,177	4,990
Total steel castings	5,063	4,335	8,705	7,211
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	78	66	245	193
(b) High alloy, manganese and abrasion resistant	1,065	1,043	1,423	1,343
(c) All other alloys	213	203	477	437

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Eleven Months Ended November, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,489,544	1,396	3,553,575	93,647
Electric	354,949	184	473,464	7,441
Total steel ingots	2,844,493	1,580	4,027,039	101,088
Alloy steel ingots included in above	120,759	79	198,967	15
<u>Steel castings</u>				
Open hearth - basic	20,478	16,505	23,754	21,227
Converter	94	77	163	123
Electric	53,985	41,757	55,318	44,119
Total steel castings	74,557	58,339	79,235	65,469
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,750	2,524	2,273	1,753
(b) High alloy, manganese and abrasion resistant	9,436	9,165	12,526	12,025
(c) All other alloys	7,075	2,177	4,355	3,178

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, November, 1954 and 1955, and Eleven Months Ended November, 1955

	November 1954	November 1955	Eleven months ended November, 1955
	(Net tons of 2,000 pounds)		
Pig iron	166,075	221,208	2,368,956
Scrap - Own make	81,012	110,081	1,109,660
Purchased	59,516	118,689	968,851

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,163,200
Electric	719,800
Total ingots	4,883,000
Steel castings	324,000
Total ingots and castings	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 4</u>					
January	214,999		290,487	8,413	298,900
February	182,050		258,765	8,146	266,911
March	200,763	26,000 (1)	240,515	8,775	249,290
April	194,307		247,872	7,924	255,796
May	178,742		252,988	7,363	260,351
June	167,211	27,804 (2)	264,470	7,523	271,993
July	174,403		255,328	5,126	260,454
August	166,580		235,984	5,520	241,504
September	156,373	27,005 (3)	241,553	5,805	247,358
October	181,895		274,421	4,899	279,320
November	210,476		282,110	5,063	287,173
December	185,634	29,024 (4)	269,329	5,743	275,072
Total	2,213,433	109,833	3,113,822	80,300	3,194,122
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	33,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
Total eleven months	2,931,829		4,027,039	79,235	4,106,274

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 313,817 net tons in November, 1955, compared with 213,196 tons in November, 1954. The November, 1955, shipments included 14,268 tons of semi-finished shapes, 15,685 tons of structurals, 28,152 tons of plates, 5,958 tons of rails, 1,651 tons of tie plates and track material, 47,676 tons of hot rolled bars, 34,004 tons of pipes and tubes, 34,748 tons of wire rods, 47,037 tons of black sheets, 16,945 tons of galvanized sheets, 7,577 tons of castings and 60,116 tons of other rolled products. The amount of producers' interchange was 143,694 tons in November, 1955, as against 97,341 tons in November, 1954.

Of the amounts shipped for sale during November, 19,933 tons went direct to railways and railway car shops; 27,650 tons went to pressing, forming and stamping plants; 42,421 tons to merchant trade products; 48,572 tons to building construction; 24,041 tons to the containers industry; 11,155 tons to agricultural equipment; 23,064 tons to the automotive industry; 20,587 tons to machinery plants; 1,252 tons to shipbuilding; 19,945 tons to mining, lumbering, etc., and 5,893 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 51,196 tons and exports for 18,108 tons. Producers' interchange, or the tonnage shipped to producers' own works for further processing, totalled 143,694 tons in November, 1955.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, November, 1955

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	9,084	3,222	5,719	
Other semi-finished shapes, not for re-rolling by makers	16,533	10,258	8,387	
Structural shapes and piling	16,972	15,685	-	
Plates	27,261	28,094	-	
Rails	20,315	5,958	-	
Tie plates and track material: Splice bars	1,181	500	-	
Tie plates	1,396	180	-	
Spikes	1,086	971	-	
Concrete reinforcing bars	22,835	21,266	-	
Hot rolled bars for cold finishing	1,277	-	1,291	
Other hot rolled bars	44,345	38,407	2,307	
Pipes and tubes	33,850	34,004	67	
Wire rods	33,881	34,639	111	
Hot rolled black sheets	95,208	23,528	71,439	
Cold reduced black sheets	34,629	23,509	9,616	
Cold reduced strip	3,351	2,911	273	
Galvanized sheets	17,076	16,945	-	
Steel castings	6,264	5,517	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	75,708	33,878	44,326	
Total carbon steel	462,252	299,472	143,536	
<u>Alloy steel</u>				
Billets, etc., for forging	790	788	-	
Other semi-finished shapes, not for re-rolling by makers	149	-	149	
Plates	29	58	-	
Other hot rolled bars	9,119	9,269	6	
Wire rods	115	109	-	
Steel castings	2,115	2,060	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,069	2,061	3	
Total alloy steel	14,386	14,345	158	

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Eleven Months Ended November, 1955

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	93,657	57,173*	30,812
Other semi-finished shapes, not for re-rolling by makers	301,136	201,689	127,118
Structural shapes and piling	147,261	148,378	1
Plates	261,861	258,318	224
Rails	201,386	193,854	-
Tie plates and track material: Splice bars	13,195	10,891	2,298
Tie plates	62,048	59,749	1,834
Spikes	12,511	12,427	-
Concrete reinforcing bars	201,944	202,313	-
Hot rolled bars for cold finishing	18,057	-	18,113
Other hot rolled bars	416,896	356,494	59,669
Pipes and tubes	291,421	302,159	67
Wire rods	323,011	321,720	2,262
Hot rolled black sheets	934,665	230,305	698,313
Cold reduced black sheets	288,080	204,840	84,554
Cold reduced strip	31,537	26,655	3,012
Galvanized sheets	144,258	142,528	121
Steel castings	58,597	55,378	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	892,310	398,160	473,741
Total carbon steel	4,693,831	3,183,031	1,502,139
<u>Alloy steel</u>			
Billets, etc., for forging	10,049	10,045	-
Other semi-finished shapes, not for re-rolling by makers	5,142	-	5,142
Plates	2,177	2,150	-
Other hot rolled bars	76,231	75,102	253
Wire rods	1,084	1,063	-
Steel castings	18,595	17,364	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	17,667	18,050	66
Total alloy steel	130,945	123,774	5,461

* Revised.

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, November, 1955, and Year to Date

	November, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	14,610	8,454	163,433	68,566
Agricultural, including farm machinery	10,801	354	75,649	1,937
Building construction	48,518	54	468,614	597
Containers industry	24,037	4	318,836	77
Machinery and tools	19,301	1,286	176,220	13,140
Merchant trade products	42,163	258	391,416	3,070
Mining, lumbering, etc.	18,642	1,303	167,128	11,055
National defence	1,399	175	19,611	2,393
Pressing, forming and stamping	27,537	113	231,608	1,017
Public works and utilities	2,733	87	22,339	637
Railway operating	8,381	126	213,030	1,133
Railway cars and locomotives	11,147	279	109,338	3,649
Shipbuilding	1,212	40	11,519	394
Miscellaneous and unclassified	1,277	222	15,813	2,131
Wholesalers and warehouses	50,833	363	440,355	3,139
Direct export (a) to British Empire	5,825	443	107,962	3,094
(b) to other countries	11,056	784	250,160	7,745
Total shipped for sale	299,472	14,345	3,183,031	123,774
Producers' interchange	143,536	158	1,502,139	5,461

Table 13 - Imports of Primary Forms of Iron and Steel, November, 1955, and Year to Date

Commodity	Country of origin	November, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	-	-	-	2,308	-	-
Foundry	United States	216	-	-	5,716	-	-
Malleable	United States	-	-	-	49	-	-
	United Kingdom	-	-	-	1,327	-	-
Ingot	United States	77	241	-	770	1,379	-
Billets, blooms, slabs and sheet bars ..	United States	95	34	1.9	487	769	108.0
	United Kingdom	-	6	-	8	41	-
Bars and sections -							
Hot rolled, n.o.p.	United States	5,441	321	11.9	35,969	2,716	166.5
	United Kingdom	276	36	7.4	1,539	454	100.2
	Germany	-	-	-	301	-	-
	Belgium	3,742	-	-	14,493	-	-
	France	2,079	-	-	3,390	-	-
	Japan	563	-	-	4,871	-	-
	Sweden	2	-	-	9	-	-
Hot rolled -							
For agricultural implements	United States	1,195	-	-	6,890	529	-
Rounds over 4", squares over 4" ...	United States	141	1	-	1,077	42	-
	United Kingdom	64	-	2.4	377	40	3.7
Angles, channels, etc.	United States	865	-	12.1	8,446	-	62.2
	United Kingdom	387	-	2.1	633	-	5.4
	Germany	-	-	-	77	-	-
	Belgium	644	-	-	4,842	-	-
	France	282	-	-	1,294	-	-
	Sweden	-	-	-	-	-	5.0
Structurals (bar sizes) for							
agricultural implements	United States	384	-	-	1,115	-	-
Sash or casement sections	United States	366	-	-	2,108	-	-
	United Kingdom	23	-	-	242	-	-
	Belgium	56	-	-	186	-	-
Cold finished, n.o.p.	United States	647	133	7.9	5,421	1,262	124.1
	United Kingdom	213	-	15.5	1,311	-	101.8
	Germany	-	-	-	2	-	-
	Belgium	130	-	-	524	-	-
	Sweden	1	-	-	17	17	-
Cold finished, for agricultural							
implements	United States	548	-	-	2,288	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, November, 1955, and Year to Date (Continued)

Commodity	Country of origin	November, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Tool steel	United States	4	63	-	125	574	-
	United Kingdom	11	105	-	169	861	-
	Germany	-	-	-	-	2	-
	Austria	-	8	-	-	53	-
	Sweden	-	74	-	-	74	-
Structurals -							
W.F. beams, 8" and over	United States	13,185	-	-	146,865	-	-
	United Kingdom	-	-	-	1,400	-	-
	Belgium	1,531	-	-	5,830	-	-
	France	109	-	-	756	-	-
W.F. beams, under 8"	United States	618	-	-	5,849	-	-
	Belgium	-	-	-	186	-	-
Sheet piling	United States	443	-	-	2,588	-	-
	United Kingdom	1,617	-	-	3,401	-	-
	Germany	-	-	-	756	-	-
	Belgium	-	-	-	498	-	-
All other	France	1,346	-	-	1,346	-	-
	United States	8,942	-	-	57,815	-	-
	United Kingdom	453	-	-	1,365	-	-
	Belgium	2,590	-	-	18,633	-	-
	France	2,205	-	-	9,218	-	-
	Japan	-	-	-	2	-	-
Plates -							
78" and under in width	United States	4,280	51	29.6	33,757	588	1036.0
	United Kingdom	1,798	-	19.3	12,025	-	211.4
	Germany	1,280	-	-	2,276	-	-
	Belgium	2,244	-	-	2,244	-	-
	France	504	-	-	521	-	-
	Japan	3,146	-	-	13,555	-	-
Over 78" and under 100" in width	United States	2,327	-	21.9	22,750	-	149.4
	United Kingdom	825	-	-	4,695	-	3.2
	Japan	353	-	-	551	-	-
100" in width and over	United States	541	-	1.5	6,159	-	143.3
	United Kingdom	46	-	-	684	-	-
Flanged, dished or curved	United States	198	-	-	1,338	-	-
Boiler, pulp-mill digesters	United States	258	-	-	4,481	-	-
Chequered or surface pattern	United States	916	-	-	11,111	-	-
	United Kingdom	-	-	-	101	-	-
Sheets -							
Silicon .075 or more	United States	-	1,571	-	-	13,523	-
	United Kingdom	-	-	-	-	115	-
Galvanized	United States	933	-	-	20,825	-	-
	United Kingdom	93	-	-	598	-	-
	Germany	1	-	-	1	-	-
	Japan	54	-	-	177	-	-
Corrugated	United States	503	-	-	6,708	-	-
	United Kingdom	-	-	-	39	-	-
	Germany	3	-	-	3	-	-
Hot rolled -							
18 gauge and heavier	United States	5,680	17	16.2	40,987	266	61.0
	United Kingdom	563	-	13.0	1,486	-	271.2
	Sweden	-	-	36.4	2	-	185.5
Lighter than 18 gauge	United States	-	-	.1	18	18	4.3
	United Kingdom	-	-	-	23	-	30.3
Cold rolled -							
18 gauge and heavier	Sweden	-	-	-	-	-	.6
	United States	1,363	-	127.4	7,903	12	896.0
	United Kingdom	695	-	46.8	1,097	-	432.5
Lighter than 18 gauge	United States	2,032	-	156.9	13,846	36	1567.9
	United Kingdom	1,384	-	34.6	3,208	-	299.3
	France	1	-	-	2	-	-
For motor vehicles	United States	2,477	-	-	22,848	-	-
For hollow ware (vitreous enamel)	United States	1,055	-	-	9,759	-	-
	United Kingdom	1,223	-	-	3,448	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, November, 1955, and Year to Date (Continued)

Commodity	Country of origin	November, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Sheets (concluded) -							
Coated with paint, tar, asphaltum, etc..	United States	137	-	-	1,169	-	-
For saws	United States	-	131	-	-	847	-
	United Kingdom	-	5	-	-	37	-
Wasters and rejects	United States	3,614	-	-	14,066	-	-
Tin mill black plate	United States	-	-	-	135	-	-
Tin plate - Primes	United States	30	-	-	4,520	-	-
	United Kingdom	37	-	-	270	-	-
Tin plate - Electrolytic coating	United States	-	-	-	3,029	-	-
Tin plate - Seconds and wasters	United States	2	-	-	2,310	-	-
Terne plate - Long	United States	692	-	-	6,048	-	-
Short	United States	225	-	-	1,844	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	934	-	-	5,373	10	12.8
	United Kingdom	-	-	-	33	-	-
	Belgium	204	-	-	454	-	-
	France	-	-	-	215	-	-
Lighter than 18 gauge	United States	110	-	-	191	-	-
Cold rolled -							
18 gauge and heavier	United States	200	4	9.6	1,832	274	266.1
	United Kingdom	-	-	-	24	-	-
	Sweden	-	-	-	2	3	-
Lighter than 18 gauge	United States	471	5	111.9	3,394	169	1114.7
	United Kingdom	3	-	-	160	-	-
	Germany	-	-	-	11	-	-
	Belgium	-	-	-	10	-	-
	Sweden	35	-	.8	58	270	3.1
	Netherlands	-	-	-	7	-	-
Hot rolled strip for cold rolling	United States	-	-	-	126	-	-
For saws	United States	33	48	-	90	535	-
	United Kingdom	-	25	-	-	41	-
	Sweden	-	5	-	-	115	-
For motor vehicles	United States	841	-	-	7,478	-	-
For hoops	United States	34	-	-	569	-	-
	United Kingdom	-	-	-	156	-	-
	Sweden	-	-	-	1	-	-
Coated with paint, tar, asphaltum, etc...	United States	710	-	-	7,658	-	-
	United Kingdom	-	-	-	56	-	-
	Germany	1	-	-	60	-	-
For butt hinges	United States	93	-	-	694	-	-
	United Kingdom	-	-	-	79	-	-
	Belgium	-	-	-	50	-	-
Galvanized	United States	469	-	-	4,636	-	-
	United Kingdom	90	-	-	308	-	-
	Germany	-	-	-	12	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more	United States	-	947	-	-	6,559	-
Skelp -							
15 ³ / ₈ " and under in width	United States	13,182	-	-	66,085	-	-
	Germany	-	-	-	1,494	-	-
	Belgium	1,653	-	-	1,653	-	-
Over 15 ³ / ₈ " in width	United States	1,117	-	-	11,203	-	-
Pipes and tubes -							
Spiral weld pipe	United States	30	-	-	1,323	-	-
Cast	United States	44	-	-	519	-	-
	United Kingdom	2,688	-	-	19,860	-	-
	France	-	-	-	241	-	-
For bedstead	United States	-	-	-	21	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	138	10	-	1,976	234	42.7
	United Kingdom	260	-	-	1,568	-	-
	Germany	-	-	-	78	-	-

Primary Iron and Steel

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Table 13 - Imports of Primary Forms of Iron and Steel, November, 1955, and Year to Date (Continued)

Commodity	Country of origin	November, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes (concluded) -							
Repair of pressure parts of boilers (concluded) -							
Hot finished (concluded)	France	-	-	-	17	-	-
	Italy	-	-	-	24	-	-
	Sweden	-	-	-	3	-	-
	Switzerland	43	-	-	43	-	-
Cold drawn	United States	62	1	-	404	40	2.7
	United Kingdom	30	-	-	450	-	-
	Sweden	-	-	-	6	-	23.7
Welded	United States	106	-	-	1,367	-	.1
	United Kingdom	259	-	-	2,117	-	-
	Switzerland	42	-	-	171	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	609	234	22.4	5,928	1,463	336.4
	United Kingdom	54	-	5.7	1,166	13	142.5
	Germany	-	-	-	13	-	-
	Sweden	14	-	.9	230	140	27.3
Hot finished	United States	759	219	-	4,820	952	1.8
	United Kingdom	942	-	-	8,674	-	-
	Germany	-	-	-	333	-	-
	Belgium	84	-	-	84	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	497	-	-	3,355	6	-
	United Kingdom	14	-	-	1,079	-	-
Welded, 4" and under in diameter ...	United States	1,102	25	5.8	8,916	2,536	52.1
	United Kingdom	944	-	4.0	4,319	-	4.6
	Germany	-	-	-	80	-	-
	Belgium	-	-	-	108	-	-
	France	65	-	-	679	-	-
	Sweden	-	-	-	-	-	.2
	Netherlands	7	-	-	24	-	-
Welded, over 4" in diameter	United States	2,854	-	.6	9,712	-	28.8
	United Kingdom	3	-	-	546	-	-
Conduit	United States	215	-	-	1,137	-	-
	United Kingdom	1	-	-	1	-	-
Casings	United States	5,306	-	-	32,995	-	-
	United Kingdom	2,204	-	-	10,460	-	-
	Germany	-	-	-	4,009	-	-
	Belgium	-	-	-	875	-	-
	France	1,189	-	-	11,130	-	-
	Japan	4,233	-	-	21,624	-	-
	Italy	-	-	-	4,491	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	31	-	-	282	-	-
Wire rope	United States	54	-	1.5	490	-	2.1
	United Kingdom	242	-	-	1,781	-	-
	Germany	118	-	-	756	-	-
	Belgium	15	-	-	97	-	-
	Japan	12	-	-	83	-	-
	Norway	-	-	-	28	-	-
	Netherlands	32	-	-	428	-	-
	Denmark	1	-	-	2	-	-
	Sweden	-	-	-	3	-	-
Wire - For rope	United States	759	-	7	5,251	-	7.0
	United Kingdom	967	-	-	9,496	-	-
	Germany	-	-	-	119	-	-
	Belgium	-	-	-	7	-	-
For springs, cushions, mattresses, etc.	United States	303	-	-	1,398	-	-
	United Kingdom	-	-	-	17	-	-
For corset clasps, dress stays, etc.	United States	7	-	-	68	-	-
	United Kingdom	2	-	-	8	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, November, 1955, and Year to Date (Concluded)

Commodity	Country of origin	November, 1955			Year to date			
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less	
		(Tons of 2,000 pounds)						
Wire - Coated or covered	United States	62	-	-	469	-	-	
	United Kingdom	82	-	-	322	-	-	
	Germany	60	-	-	148	-	-	
	Belgium	22	-	-	109	-	-	
	France	-	-	-	35	-	-	
	All other	United States	738	87	2.7	5,172	660	32.5
		United Kingdom	159	1	-	640	1	1.3
		Germany	3	-	-	3	-	-
		Belgium	18	-	-	384	-	-
		France	-	-	-	36	-	-
		Sweden	3	-	-	17	22	1.4
		Japan	-	-	-	123	-	-
		Netherlands	-	-	-	26	-	-
	Wire rods, not over $\frac{3}{8}$ " in diameter	United States	418	-	-	1,343	-	-
United Kingdom		338	-	-	1,445	-	-	
Germany		1,098	-	-	2,425	-	-	
Belgium		-	-	-	55	-	-	
Sweden		-	-	-	15	-	-	
Welding wire and welding rods	United States	4	41	-	26	938	-	
	United Kingdom	-	-	-	-	11	-	
Axles - For railway vehicles	United States	16	-	-	110	-	-	
Tires - For railway rolling stock	United States	6	-	-	539	-	-	
	United Kingdom	104	-	-	1,289	-	-	
Wheels - For railway rolling stock	United States	1	-	-	3,159	-	-	
	United Kingdom	1,909	-	-	9,354	-	-	
Rails - 60 lb. and under	United States	231	-	-	799	-	-	
	Germany	47	-	-	129	-	-	
	Belgium	25	-	-	282	-	-	
	France	-	-	-	256	-	-	
Over 60 lb. and including								
100 lb.	United States	32	-	-	536	-	-	
	United Kingdom	2,933	-	-	12,909	-	-	
Over 100 lb.	United States	25	-	-	2,175	-	-	
	United Kingdom	-	-	-	20	-	-	
Track material -								
Fish plates, angle bars, etc.	United States	23	-	-	1,839	-	-	
	United Kingdom	958	-	-	2,108	-	-	
	Germany	2	-	-	5	-	-	
	Belgium	1	-	-	12	-	-	
	France	-	-	-	10	-	-	
Switch points, etc.	United States	6	-	-	53	-	-	
Total imports	United States	93,062	4,184	542.6	727,008	36,933	6224.6	
	All other	56,787	265	188.9	270,343	2,314	1848.1	
TOTAL		149,849	4,449	731.5	997,351	39,247	8072.7	

Table 14 - Exports of Primary Iron and Steel, November, 1955, and Year to Date

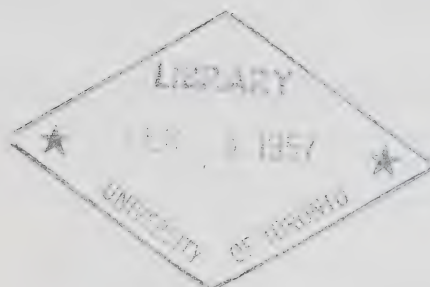
	November, 1955	Year to date
	(Tons of 2,000 pounds)	
Pig iron	22,741	243,562
Ingots, blooms and billets	29,021	235,750
Bars	938	9,419
Rods	318	8,206
Plates, sheets and strips	6,049	67,054
Rails	574	66,935
Structural shapes	307	2,276
Pipe and tubing - Wrought iron	179	713
Cast iron	19	734
Galvanized	47	2,266
Other	67	521
Castings, iron and steel	1,448	10,899
Forgings	221	2,907
Total	61,929	651,242



CANADA

PRIMARY IRON AND STEEL

DECEMBER, 1955



Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-125

Price \$2.00 per year
25 cents per copy

Vol. 10, No. 12

PRIMARY IRON AND STEEL

Pig Iron - Production of pig iron in Canada amounted to 281,935 tons in December, 1955, compared with 185,634 tons in the corresponding month of last year. The total for the current month included 231,963 tons of basic iron, 26,698 tons of malleable iron and 23,274 tons of foundry iron.

Steel Ingots and Castings - Production of steel ingots and steel castings during December, 1955, totalled 423,127 tons compared with 275,072 tons in December of last year. Output in the month under review included 414,704 tons of ingots and 8,423 tons of castings.

(a) Pig Iron and Ferro-alloys

Table 1 - Production During December, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic.....	154,278	727	231,963	485
Foundry.....	17,445	5,529	23,274	11,759
Malleable.....	13,911	13,309	26,698	19,702
Total pig iron.....	185,634	19,565	281,935	31,946
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.....	127,681		125,218	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments for the Twelve Months Ended December, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic.....	1,762,278	26,086	2,591,444	21,834
Foundry.....	160,069	138,156	177,002	163,677
Malleable.....	291,086	291,358	445,318	427,236
Total pig iron.....	2,213,433	455,600	3,213,764	612,747
<u>Ferro-alloys</u>	109,833	55,067	166,682	81,738

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges During December and Twelve Months Ended December, 1954 and 1955

	December		Twelve months ended December	
	1 9 5 4	1 9 5 5	1 9 5 4	1 9 5 5
(Net tons of 2,000 pounds)				
Iron ore - Canadian.....	43,361	126,078	749,893	1,353,491
Imported.....	273,566	315,224	2,987,927	3,820,514
Mill cinder, scale, sinter, etc.	43,761	106,302	581,891	1,022,400
Limetstone.....	63,437	92,609	778,145	1,066,482
Dolomite.....	25,243	24,823	258,464	287,517
Coke.....	67,982	246,806	1,869,254	2,813,112
Scrap iron and steel.....	7,193	11,142	82,622	134,062

Table 4 - Description of Iron Blast Furnaces at End of December, 1955

	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast.....	12	3,316,150	86.3
Banked.....	4	525,200	13.7
Blown out.....	-	-	-
Total.....	16	3,841,350*	100.0

* Revised

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales During December, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic.....	234,846	117	363,476	21,176
Electric.....	34,483	-	51,228	3,067
Total steel ingots.....	269,329	117	414,704	24,243
Alloy steel ingots included in above.....	12,007	-	18,751	13
<u>Steel castings</u>				
Open hearth - basic.....	1,883	1,798	2,249	1,935
Converter.....	1	3	1	-
Electric.....	3,859	2,683	6,173	5,060
Total steel castings.....	5,743	4,484	8,423	6,995
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant.....	154	137	286	230
(b) High alloy, manganese and abrasion resistant.....	1,069	1,096	1,368	1,276
(c) All other alloys.....	191	130	708	608

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Cumulative Production and Sales for the Twelve Months Ended December, 1954 and 1955

	1 9 5 4		1 9 5 5	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic.....	2,724,390	1,513	3,917,051	114,823
Electric.....	389,432	184	524,692	10,508
Total steel ingots.....	3,113,822	1,697	4,441,743	125,331
Alloy steel ingots included in above.....	132,766	79	217,718	28
<u>Steel castings</u>				
Open hearth - basic.....	22,361	18,303	26,003	23,162
Converter.....	95	80	164	123
Electric.....	57,844	44,440	61,491	49,179
Total steel castings.....	80,300	62,823	87,658	72,464
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant.....	2,904	2,661	2,559	1,983
(b) High alloy, manganese and abrasion resistant.....	10,505	10,261	13,894	13,301
(c) All other alloys.....	7,266	2,307	5,063	3,786

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces, December, 1954 and 1955, and Twelve Months Ended December, 1955

	December 1954	December 1955	Twelve months ended December, 1955
(Net tons of 2,000 pounds)			
Pig iron.....	153,033	227,438	2,596,394
Scrap - Own make.....	82,937	106,172	1,215,832
Purchased.....	52,877	124,398	1,093,249

Table 8 - Steel Furnace Capacity at First of January, 1955

	Annual capacity
(Net tons of 2,000 pounds)	
Ingots - Basic open hearth (including oxygen vessel furnace).....	4,163,200
Electric.....	719,800
Total ingots.....	4,883,000
Steel castings.....	324,000
Total ingots and castings.....	5,207,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, 1954 and 1955

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
1 9 5 4					
January.....	214,999		290,487	8,413	298,900
February.....	182,050		258,765	8,146	266,911
March.....	200,763	26,000 (1)	240,515	8,775	249,290
April.....	194,307		247,872	7,924	255,796
May.....	178,742		252,988	7,363	260,351
June.....	167,211	27,804 (2)	264,470	7,523	271,993
July.....	174,403		255,328	5,126	260,454
August.....	166,580		235,984	5,520	241,504
September.....	156,373	27,005 (3)	241,553	5,805	247,358
October.....	181,895		274,421	4,899	279,320
November.....	210,476		282,110	5,063	287,173
December.....	185,634	29,024 (4)	269,329	5,743	275,072
Total.....	2,213,433	109,833	3,113,822	80,300	3,194,122
1 9 5 5					
January.....	199,464		310,853	5,961	316,814
February.....	215,075		314,657	6,580	321,237
March.....	275,729	24,180 (1)	376,866	7,748	384,614
April.....	272,187		353,377	7,377	360,754
May.....	284,076		371,808	7,069	378,877
June.....	275,049	34,554 (2)*	381,367	7,901	389,268
July.....	266,795		355,190	5,575	360,765
August.....	288,864		379,678	7,052	386,730
September.....	276,795	50,414 (3)	367,005	7,467	374,472
October.....	293,423		409,466	7,800	417,266
November.....	284,372		406,772	8,705	415,477
December.....	281,935	57,534 (4)	414,704	8,423	423,127
Total.....	3,213,764	166,682	4,441,743	87,658	4,529,401

- (1) First quarter. (4) Fourth quarter.
 (2) Second quarter. * Revised.
 (3) Third quarter.

Primary steel shapes - Shipments of primary shapes by Canadian steel mills, exclusive of producers' interchange, totalled 320,489 net tons in December, 1955, compared with 200,987 in December, 1954. The December, 1955, shipments included 20,701 tons of semi-finished shapes, 24,426 tons of structurals, 24,498 tons of plates, 21,425 tons of rails, 10,825 tons of tie plates and track material, 37,322 tons of hot rolled bars, 30,588 tons of pipes and tubes, 35,882 tons of wire rods, 46,737 tons of black sheets, 16,858 tons of galvanized sheets, 7,263 tons of castings and 43,964 tons of other rolled products. The amount of producers' interchange was 138,790 tons in December, 1955, as against 106,110 tons in December, 1954.

Of the amounts shipped for sale during December, 32,047 tons went direct to railways and railway car shops; 26,300 tons went to pressing, forming and stamping plants; 43,113 tons to merchant trade products; 48,461 tons to building construction; 17,322 tons to the containers industry; 8,321 tons to agricultural equipment; 22,455 tons to the automotive industry; 19,066 tons to machinery plants; 1,411 tons to shipbuilding; 17,437 tons to mining, lumbering, etc., and 4,939 tons to miscellaneous industries, including national defence and public works and utilities; wholesalers and warehousing accounted for 46,465 tons and exports for 33,152 tons.

Table 10.- Production and Producers' Shipments of Primary Iron and Steel Shapes, December, 1955.

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)		For sale	Producers' interchange
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging.....	4,786		2,814	2,548
Other semi-finished shapes, not for re-rolling by makers.....	33,114		16,614	14,725
Structural shapes and piling.....	18,021		24,426	-
Plates.....	24,268		24,385	-
Rails.....	27,845		21,425	-
Tie plates and track material: Splice bars.....	2,387		3,626	-
Tie plates.....	4,809		5,834	-
Spikes.....	1,433		1,365	-
Concrete reinforcing bars.....	12,885		15,109	-
Hot rolled bars for cold finishing.....	769		-	853
Other hot rolled bars.....	42,194		29,587	10,495
Pipes and tubes.....	31,092		30,588	-
Wire rods.....	33,366		35,647	40
Hot rolled black sheets.....	90,501		24,134	67,053
Cold reduced black sheets.....	30,194		22,603	7,712
Cold reduced strip.....	2,792		2,425	157
Galvanized sheets.....	16,301		16,858	43
Steel castings.....	5,952		5,208	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.).....	68,396		24,049	35,138
Total carbon steel.....	451,105		306,697	138,764
<u>Alloy steel</u>				
Billets, etc., for forging.....	1,276		1,273	13
Other semi-finished shapes, not for re-rolling by makers.....	11		-	11
Plates.....	101		113	-
Other hot rolled bars.....	7,912		7,735	2
Wire rods.....	244		235	-
Steel castings.....	2,346		2,055	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.).....	2,523		2,381	24
Total alloy steel.....	14,413		13,792	50

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Twelve Months Ended December, 1955

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging.....	98,443	59,987	33,360
Other semi-finished shapes, not for re-rolling by makers.....	334,250	218,303	141,843
Structural shapes and piling.....	165,282	172,804	1
Plates.....	286,129	282,703	224
Rails.....	229,231	215,279	-
Tie plates and track material: Splice bars.....	15,582	14,517	2,298
Tie plates.....	66,857	65,583	1,834
Spikes.....	13,944	13,792	-
Concrete reinforcing bars.....	214,829	217,422	-
Hot rolled bars for cold finishing.....	18,826	-	18,966
Other hot rolled bars.....	459,090	386,081	70,164
Pipes and tubes.....	322,513	332,747	67
Wire rods.....	356,377	357,367	2,302
Hot rolled black sheets.....	1,025,166	254,439	765,366
Cold reduced balck sheets.....	318,274	227,443	92,266
Cold reduced strip.....	34,329	29,080	3,169
Galvanized sheets.....	160,559	159,386	164
Steel castings.....	64,549	60,586	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.).....	960,706	422,209	508,879
Total carbon steel.....	5,144,936	3,489,728	1,640,903
<u>Alloy steel</u>			
Billets, etc., for forging.....	11,325	11,318	13
Other semi-finished shapes, not for re-rolling by makers.....	5,153	-	5,153
Plates.....	2,278	2,263	-
Other hot rolled bars.....	84,143	82,837	255
Wire rods.....	1,328	1,298	-
Steel castings.....	20,941	19,419	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.).....	20,190	20,455	66
Total alloy steel.....	145,358	137,590	5,487

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries, December, 1955, and Year to Date

	December, 1955		Year to date	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries.....	16,024	6,431	179,457	74,997
Agricultural, including farm machinery.....	8,048	273	83,697	2,210
Building construction.....	48,386	75	517,000	672
Containers industry.....	17,310	12	336,146	89
Machinery and tools.....	17,066	2,000	193,286	15,140
Merchant trade products.....	42,476	637	433,892	3,707
Mining, lumbering, etc.	16,402	1,035	183,530	12,090
National defence.....	1,243	139	20,854	2,532
Pressing, forming and stamping.....	26,139	161	257,747	1,178
Public works and utilities.....	2,076	40	24,415	677
Railway operating.....	22,571	213	235,601	1,346
Railway cars and locomotives.....	9,160	103	118,498	3,752
Shipbuilding.....	1,344	67	12,863	461
Miscellaneous and unclassified.....	1,270	171	17,083	2,302
Wholesalers and warehouses.....	45,875	590	486,230	3,729
Direct export (a) to British Empire.....	1,845	1,062	109,807	4,156
(b) to other countries.....	29,462	783	279,622	8,528
Total shipped for sale.....	306,697	13,792	3,489,728	137,566
Producers' interchange.....	138,764	50	1,640,903	5,511

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1955, and Year to Date

Commodity	Country of origin	December, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pig iron -							
Silvery.....	United States	127	-	-	2,435	-	-
Foundry.....	United States	2,859	-	-	8,575	-	-
Malleable.....	United States	-	-	-	49	-	-
	United Kingdom	-	-	-	1,327	-	-
Ingots.....	United States	178	40	-	948	1,419	-
Billets, blooms, slabs and sheet bars...	United States	53	279	35.7	540	1,048	143.7
	United Kingdom	-	3	-	8	44	-
Bars and sections -							
Hot rolled, n.o.p.	United States	5,856	434	36.1	41,825	3,150	202.6
	United Kingdom	113	-	4.9	1,654	454	105.1
	Germany	161	-	-	462	-	-
	Belgium	2,356	-	-	16,849	-	-
	France	475	-	-	3,865	-	-
	Japan	2,200	-	-	7,071	-	-
	Sweden	19	-	-	28	-	-
Hot rolled -							
For agricultural implements.....	United States	592	-	-	7,482	529	-
Rounds over 4 7/8", squares over 4".	United States	69	5	-	1,146	47	-
	United Kingdom	12	2	-	389	42	3.7
Angles, channels, etc.	United States	799	-	5.0	9,245	-	67.2
	United Kingdom	217	-	-	850	-	5.4
	Germany	64	-	-	141	-	-
	Belgium	873	-	-	5,715	-	-
	France	143	-	-	1,437	-	-
	Sweden	-	-	-	-	-	5.0
Structurals (bar sizes) for							
agricultural implements.....	United States	443	-	-	1,558	-	-
Sash or casement sections.....	United States	272	-	-	2,380	-	-
	United Kingdom	120	-	-	362	-	-
	Belgium	24	-	-	210	-	-
Cold finished, n.o.p.	United States	753	33	27.9	6,174	1,295	152.0
	United Kingdom	148	-	2.8	1,459	-	104.6
	Germany	-	-	-	2	-	-
	Belgium	39	-	-	563	-	-
	Sweden	-	-	-	17	17	-
Cold finished, for agricultural							
implements.....	United States	306	-	-	2,594	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1955, and Year to Date (Continued)

Commodity	Country of origin	December, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Tool steel.....	United States	4	38	-	129	612	-
	United Kingdom	17	55	-	186	916	-
	Germany	-	-	-	-	2	-
	Austria	-	2	-	-	55	-
	Sweden	-	10	-	-	84	-
Structurals -							
W.F. beams, 8" and over.....	United States	10,186	-	-	157,051	-	-
	United Kingdom	-	-	-	1,400	-	-
	Belgium	309	-	-	6,139	-	-
	France	223	-	-	979	-	-
W.F. beams, under 8".....	United States	844	-	-	6,693	-	-
	Belgium	-	-	-	186	-	-
Sheet piling.....	United States	341	-	-	2,929	-	-
	United Kingdom	-	-	-	3,401	-	-
	Germany	-	-	-	756	-	-
	Belgium	-	-	-	498	-	-
All other.....	France	443	-	-	1,789	-	-
	United States	8,922	-	-	66,737	-	-
	United Kingdom	50	-	-	1,415	-	-
	Germany	305	-	-	305	-	-
	Belgium	2,901	-	-	21,534	-	-
	France	354	-	-	9,572	-	-
	Japan	-	-	-	2	-	-
Sweden	90	-	-	90	-	-	
Plates -							
78" and under in width.....	United States	5,687	39	78.2	39,444	627	1114.2
	United Kingdom	261	-	17.9	12,286	-	229.3
	Germany	1,103	-	-	3,379	-	-
	Belgium	1,028	-	-	3,272	-	-
	France	457	-	-	978	-	-
	Japan	611	-	-	14,166	-	-
Over 78" and under 100" in width.....	United States	3,911	-	8.1	26,661	-	157.5
	United Kingdom	197	-	-	4,892	-	3.2
	Japan	-	-	-	551	-	-
100" in width and over.....	United States	573	-	3.9	6,732	-	147.2
	United Kingdom	-	-	-	684	-	-
Flanged, dished or curved.....	United States	91	-	-	1,429	-	-
Boiler, pulp-mill digesters.....	United States	514	-	-	4,995	-	-
Chequered or surface pattern.....	United States	1,093	-	-	12,204	-	-
	United Kingdom	34	-	-	135	-	-
Sheets -							
Silicon .075 or more.....	United States	-	1,825	-	-	15,348	-
	United Kingdom	-	-	-	-	115	-
Galvanized.....	United States	1,003	-	-	21,828	-	-
	United Kingdom	4	-	-	602	-	-
	Germany	-	-	-	1	-	-
	Japan	-	-	-	177	-	-
Corrugated.....	United States	536	-	-	7,244	-	-
	United Kingdom	-	-	-	39	-	-
	Germany	-	-	-	3	-	-
Hot rolled -							
18 gauge and heavier.....	United States	5,664	16	1.6	46,651	282	62.6
	United Kingdom	-	-	-	1,486	-	271.2
	Belgium	110	-	-	110	-	-
	Sweden	-	-	2.5	2	-	188.0
Lighter than 18 gauge.....	United States	-	-	-	18	18	4.3
	United Kingdom	-	-	-	23	-	30.3
	Sweden	-	-	-	-	-	.6
Cold rolled -							
18 gauge and heavier.....	United States	814	-	125.9	8,717	12	1021.9
	United Kingdom	128	-	48.2	1,225	-	480.7
	Belgium	305	-	-	305	-	-
Lighter than 18 gauge.....	United States	2,147	-	109.6	15,993	36	1677.5
	United Kingdom	200	-	6.1	3,408	-	305.4
	Belgium	466	-	-	466	-	-
	France	-	-	-	2	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1955, and Year to Date (Continued)

Commodity	Country of origin	December, 1955			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Sheets (concluded) -							
For tubes.....	United States	120	-	-	120	-	-
For motor vehicles.....	United States	2,395	-	-	25,243	-	-
For hollow-ware (vitreous enamel)....	United States	962	-	-	10,721	-	-
	United Kingdom	24	-	-	3,472	-	-
Coated with paint,tar,asphaltum,etc..	United States	14	-	-	1,183	-	-
For saws.....	United States	-	87	-	-	934	-
	United Kingdom	-	3	-	-	40	-
Wasters and rejects.....	United States	3,538	-	-	17,604	-	-
Tin mill black plate.....	United States	-	-	-	135	-	-
Tin plate - Primes.....	United States	-	-	-	4,520	-	-
	United Kingdom	23	-	-	293	-	-
Tin plate - Electrolytic coating.....	United States	66	-	-	3,095	-	-
Tin plate - Seconds and wasters.....	United States	53	-	-	2,363	-	-
Terne plate - Long.....	United States	793	-	-	6,841	-	-
Short.....	United States	157	-	-	2,001	-	-
Strip -							
Hot rolled -							
18 gauge and heavier.....	United States	585	-	-	5,958	10	12.8
	United Kingdom	-	-	-	33	-	-
	Belgium	-	-	-	454	-	-
	France	-	-	-	215	-	-
Lighter than 18 gauge.....	United States	5	-	-	196	-	-
Cold rolled -							
18 gauge and heavier.....	United States	195	98	62.2	2,027	372	328.3
	United Kingdom	-	-	-	24	-	-
	Sweden	-	-	-	2	3	-
Lighter than 18 gauge.....	United States	470	9	119.7	3,864	178	1234.4
	United Kingdom	10	-	-	170	-	-
	Germany	-	-	-	11	-	-
	Belgium	-	-	-	10	-	-
	Sweden	-	5	-	58	275	3.1
	Netherlands	-	-	-	7	-	-
Hot rolled strip for cold rolling....	United States	-	-	-	126	-	-
For saws.....	United States	-	104	-	90	639	-
	United Kingdom	-	-	-	-	41	-
	Sweden	-	15	-	-	130	-
For tubes.....	United States	103	-	-	103	-	-
For tubular products.....	United States	5	-	-	5	-	-
For motor vehicles.....	United States	1,117	-	-	8,595	-	-
For hoops.....	United States	116	-	-	685	-	-
	United Kingdom	33	-	-	189	-	-
	Sweden	-	-	-	1	-	-
For shoe, corset laces, buckles, etc.	United States	32	-	-	32	-	-
	United Kingdom	3	-	-	3	-	-
Coated with paint,tar,asphaltum,etc..	United States	786	-	-	8,444	-	-
	United Kingdom	-	-	-	56	-	-
	Germany	-	-	-	60	-	-
For butt hinges.....	United States	62	-	-	756	-	-
	United Kingdom	-	-	-	79	-	-
	Belgium	-	-	-	50	-	-
Galvanized.....	United States	343	-	-	4,979	-	-
	United Kingdom	11	-	-	319	-	-
	Germany	-	-	-	12	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more.....	United States	-	927	-	-	7,486	-
Skelp -							
15 3/8" and under in width.....	United States	10,240	-	-	76,325	-	-
	Germany	-	-	-	1,494	-	-
	Belgium	-	-	-	1,653	-	-
Over 15 3/8" in width.....	United States	1,115	-	-	12,318	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1955, and Year to Date (Continued)

Commodity	Country of origin	December, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
(Tons of 2,000 pounds)							
Pipes and tubes -							
Spiral weld pipe.....	United States	235	-	-	1,558	-	-
Cast.....	United States	6	-	-	525	-	-
	United Kingdom	966	-	-	20,826	-	-
	Germany	6	-	-	6	-	-
	France	-	-	-	241	-	-
	United States	-	-	-	21	-	-
For bedstead.....							
Repair of pressure parts of boilers -							
Hot finished.....	United States	113	2	-	2,089	236	42.7
	United Kingdom	32	-	-	1,600	-	-
	Germany	-	-	-	78	-	-
	France	-	-	-	17	-	-
	Italy	-	-	-	24	-	-
	Sweden	-	-	-	3	-	-
	Switzerland	-	-	-	43	-	-
Cold drawn.....	United States	35	-	-	439	40	2.7
	United Kingdom	5	-	-	455	-	-
	Sweden	-	-	-	6	-	23.7
Welded.....	United States	125	-	11.3	1,492	-	11.4
	United Kingdom	250	-	-	2,367	-	-
	Switzerland	18	-	-	189	-	-
Seamless, 12" and under in diameter -							
Cold drawn.....	United States	532	235	22.7	6,460	1,698	359.1
	United Kingdom	6	-	22.7	1,172	13	165.2
	Germany	-	-	-	13	-	-
	Sweden	-	31	6.1	230	171	33.4
Hot finished.....	United States	621	510	-	5,441	1,462	1.8
	United Kingdom	207	-	-	8,881	-	-
	Germany	-	-	-	333	-	-
	Belgium	-	-	-	84	-	-
Seamless, over 12" in diameter -							
Hot finished.....	United States	313	-	-	3,668	6	-
	United Kingdom	-	-	-	1,079	-	-
Welded, 4" and under in diameter...	United States	1,048	-	2.5	9,964	2,536	54.6
	United Kingdom	470	-	-	4,789	-	4.6
	Germany	-	-	-	80	-	-
	Belgium	-	-	-	108	-	-
	France	419	-	-	1,098	-	-
	Sweden	-	-	-	-	-	.2
	Netherlands	21	-	-	45	-	-
Welded, over 4" in diameter.....	United States	630	-	5.0	10,342	-	33.8
	United Kingdom	106	-	-	652	-	-
Conduit.....	United States	202	-	-	1,339	-	-
	United Kingdom	-	-	-	1	-	-
Casings.....	United States	4,665	-	-	37,660	-	-
	United Kingdom	147	-	-	10,607	-	-
	Germany	-	-	-	4,009	-	-
	Belgium	-	-	-	875	-	-
	France	-	-	-	11,130	-	-
	Japan	1,437	-	-	23,061	-	-
	Italy	-	-	-	4,491	-	-
Tubing -							
Not over 1/2" diameter, welded and coated.....	United States	27	-	-	309	-	-
Wire rope.....	United States	58	-	-	548	-	2.1
	United Kingdom	62	-	-	1,843	-	-
	Germany	43	-	-	799	-	-
	Belgium	11	-	-	108	-	-
	Japan	1	-	-	84	-	-
	Norway	-	-	-	28	-	-
	Netherlands	57	-	-	485	-	-
	Denmark	-	-	-	2	-	-
	Sweden	-	-	-	3	-	-

Table 13 - Imports of Primary Forms of Iron and Steel, December, 1955, and Year to Date (Concluded)

Commodity.	Country of origin	December, 1955			Year to date		
		Carbon	Alloy	Stain- less	Carbon	Alloy	Stain- less
		(Tons of 2,000 pounds)					
Wire - For rope.....	United States	901	-	.3	6,152	-	7.3
	United Kingdom	195	-	-	9,691	-	-
	Germany	111	-	-	230	-	-
	Belgium	43	-	-	50	-	-
For springs, cushions, mattresses, etc.	United States	548	-	-	1,946	-	-
	United Kingdom	-	-	-	17	-	-
For corset clasps, dress stays, etc.	United States	10	-	-	78	-	-
	United Kingdom	2	-	-	10	-	-
Wire - Coated or covered.....	United States	40	-	-	509	-	-
	United Kingdom	2	-	-	324	-	-
	Germany	-	-	-	148	-	-
	Belgium	116	-	-	225	-	-
	France	-	-	-	35	-	-
All other.....	United States	790	110	3.2	5,962	770	35.7
	United Kingdom	57	1	-	697	2	1.3
	Germany	-	-	-	3	-	-
	Belgium	40	-	-	424	-	-
	France	-	-	-	36	-	-
	Sweden	12	-	-	29	22	1.4
	Japan	-	-	-	123	-	-
	Netherlands	-	-	-	26	-	-
Wire rods, not over 3/8" in diameter...	United States	70	-	-	1,413	-	-
	United Kingdom	220	-	-	1,665	-	-
	Germany	553	-	-	2,978	-	-
	Belgium	-	-	-	55	-	-
	Sweden	-	-	-	15	-	-
	Czechoslovakia	881	-	-	881	-	-
Welding wire and welding rods.....	United States	1	72	-	27	1,010	-
	United Kingdom	-	-	-	-	11	-
Axles - For railway vehicles.....	United States	5	-	-	115	-	-
Tires - For railway rolling stock.....	United States	-	-	-	539	-	-
	United Kingdom	63	-	-	1,352	-	-
Wheels- For railway rolling stock.....	United States	40	-	-	3,199	-	-
	United Kingdom	2,071	-	-	11,425	-	-
Rails - 60 lb. and under.....	United States	46	-	-	845	-	-
	Germany	73	-	-	202	-	-
	Belgium	120	-	-	402	-	-
	France	-	-	-	256	-	-
Over 60 lb. and including							
100 lb.	United States	46	-	-	582	-	-
	United Kingdom	-	-	-	12,909	-	-
Over 100 lb.	United States	2	-	-	2,177	-	-
	United Kingdom	-	-	-	20	-	-
Track material -							
Fish plates, angle bars, etc.	United States	64	-	-	1,903	-	-
	United Kingdom	-	-	-	2,108	-	-
	Germany	3	-	-	8	-	-
	Belgium	6	-	-	18	-	-
	France	-	-	-	10	-	-
Switch points, etc.	United States	9	-	-	62	-	-
Total imports.....	United States	89,091	4,863	658.9	816,099	41,796	6883.5
	All other	25,498	127	111.2	295,841	2,441	1959.3
TOTAL.....		114,589	4,990	770.1	1,111,940	44,237	8842.8

Table 14 - Exports of Primary Iron and Steel, December, 1955, and Year to Date

	December, 1955	Year to date
	(Tons of 2,000 pounds)	
Pig iron.....	10,910	254,472
Ingots, blooms and billets.....	30,719	266,469
Bars.....	1,412	10,831
Rods.....	493	8,699
Plates, sheets and strips.....	4,311	71,365
Rails.....	4,634	71,569
Structural shapes.....	542	2,818
Pipe and tubing - Wrought iron.....	56	769
Cast iron.....	32	766
Galvanized.....	281	2,547
Other.....	78	599
Castings, iron and steel.....	2,060	12,959
Forgings.....	440	3,347
Total.....	55,968	707,210



CANADA

PRIMARY IRON AND STEEL

JANUARY, 1956



Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-16

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 1

PRIMARY IRON AND STEEL

Table 1 - Production and Shipments of Pig Iron and Ferro-alloys

	January, 1955		January, 1956	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	173,278	1,144	258,568	273
Foundry	14,576	6,980	9,904	9,959
Malleable	11,610	9,455	16,612	18,585
Total pig iron	199,464	17,579	285,084	28,817
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month ...	125,074		143,821	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 4.

Table 2 - Iron Blast Furnace Charges

	January, 1955	January, 1956
	(Net tons of 2,000 pounds)	
Iron ore - Canadian	75,614	145,250
Imported	265,847	288,327
Mill cinder, scale, sinter, etc.	46,073	100,649
Limestone	64,904	89,436
Dolomite	23,766	25,232
Coke	180,288	242,221
Scrap iron and steel	8,093	13,454

Table 3 - Description of Iron Blast Furnaces at End of January, 1956

	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,293,150	86.3
Banked	-	-	-
Blown out	4	521,200	13.7
Total	16	3,814,350	100.0

Table 4 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
			(Net tons of 2,000 pounds)		
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)*	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
* Revised					
(1) First quarter.	(3) Third quarter.				
(2) Second quarter.	(4) Fourth quarter.				

* Revised

- (1) First quarter. (3) Third quarter.
 (2) Second quarter. (4) Fourth quarter.

Table 5 - Production and Shipments of Steel Ingots and Castings

	January, 1955		January, 1956	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	273,930	233	377,232	285
Electric	36,923	-	47,935	5,466
Total steel ingots	310,853	233	425,167	5,751
Alloy steel ingots included in above	17,210	-	16,372	-
<u>Steel castings</u>				
Open hearth - basic	2,033	1,918	2,545	2,253
Converter	-	-	23	15
Electric	3,928	2,841	5,965	4,905
Total steel castings	5,961	4,759	8,533	7,173
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	173	136	180	140
(b) High alloy, manganese and abrasion resistant	1,093	1,007	1,281	1,229
(c) All other alloys	336	281	335	223

* - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces.

	January, 1955	January, 1956
	(Net tons of 2,000 pounds)	
Pig iron	184,747	235,986
Scrap - Own make	86,619	108,763
Purchased	67,114	123,741

Table 7 - Steel Furnace Capacity at First of January, 1956

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 8 - Exports of Primary Iron and Steel

	January, 1956 (Net tons of 2,000 pounds)
Pig iron	1,587
Ingots, blooms and billets	5,399
Bars	1,238
Rods	206
Plates, sheets and strips	3,992
Rails	21,403
Structural shapes	345
Pipe and tubing - Wrought iron	752
Cast iron	3
Galvanized	-
Other	12
Castings, iron and steel	1,854
Forgings	323
Total	36,908

Table 9 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	January, 1956 (Net tons of 2,000 pounds)	
	Carbon steel	Alloy steel
Automotive industries	16,477	5,499
Agricultural, including farm machinery	9,237	199
Building construction	46,786	75
Containers industry	27,628	4
Machinery and tools	16,225	646
Merchant trade products	45,894	350
Mining, lumbering, etc.	11,685	1,632
National defence	1,623	182
Pressing, forming and stamping	29,399	311
Public works and utilities	2,308	60
Railway operating	28,461	244
Railway cars and locomotives	9,265	798
Shipbuilding	1,652	24
Miscellaneous and unclassified	1,296	225
Wholesalers and warehouses	46,997	522
Direct export (a) to British Empire	1,665	325
(b) to other countries	15,957	338
Total shipped for sale	312,555	11,434
Producers' interchange	158,410	392

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, January, 1956

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	6,987	2,890	3,038
Other semi-finished shapes, not for re-rolling by makers	19,282	2,982	16,427
Structural shapes and piling	17,018	16,563	-
Plates	22,696	22,098	-
Rails	26,915	28,854	-
Tie plates and track material: Splice bars	2,008	2,117	-
Tie plates	6,264	5,085	-
Spikes	1,526	1,538	-
Concrete reinforcing bars	17,322	15,611	-
Hot rolled bars for cold finishing	1,344	-	1,342
Other hot rolled bars	58,392	44,685	11,067
Pipes and tubes	20,525	24,693	-
Wire rods	34,841	34,083	86
Hot rolled black sheets	99,490	24,835	76,489
Cold reduced black sheets	36,405	26,113	9,058
Cold reduced strip	3,874	2,848	385
Galvanized sheets	18,520	18,498	13
Steel castings	6,575	5,494	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	74,424	33,568	40,505
Total carbon steel	474,408	312,555	158,410

Alloy steel

Billets, etc., for forging	426	415	41
Other semi-finished shapes, not for re-rolling by makers	253	-	253
Plates	930	685	-
Other hot rolled bars	6,960	6,544	82
Wire rods	103	103	-
Steel castings	1,694	1,647	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,068	2,040	16
Total alloy steel	12,434	11,434	392

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 11 - Imports of Primary Forms of Iron and Steel, January, 1956

Commodity	Country of origin	January, 1956		
		Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
Pig iron -				
Silvery	United States	65	-	-
Foundry	Australia	1,125	-	-
Ingots	United States	39	137	-
Billets, blooms, slabs and sheet bars	United States	482	19	6.4
Bars and sections -				
Hot rolled, n.o.p.	United States	4,795	389	137.9
	United Kingdom	491	72	.6
	Belgium	431	-	-
	Japan	24	-	-
Hot rolled -				
For agricultural implements	United States	915	11	-
Rounds over 4 $\frac{1}{2}$ ", squares over 4"	United States	296	4	-
	United Kingdom	49	13	-
Concrete reinforcing bars	United States	1,327	-	-
	Germany	22	-	-
	Belgium	1,587	-	-
	France	109	-	-
Angles, channels, etc.	United States	1,244	-	55.3
	United Kingdom	60	-	-
	Belgium	333	-	-
	France	85	-	-
	Japan	40	-	-
	Sweden	17	-	-
Angles, channels, etc., for agricultural implements	United States	78	-	-
Sash or casement sections	United States	437	-	-
	United Kingdom	22	-	-
	Belgium	22	-	-
Cold finished, n.o.p.	United States	928	765	7.2
	United Kingdom	191	-	6.6
	Belgium	3	-	-
Cold finished, for agricultural implements	United States	693	-	-
Tool steel	United States	74	54	-
	United Kingdom	12	44	-
	Austria	-	1	-
	Sweden	-	11	-
Structurals -				
Wide flange beams, 8" and over	United States	14,639	-	-
	United Kingdom	10	-	-
	Belgium	405	-	-
	France	96	-	-
Wide flange beams, under 8"	United States	926	-	-
Sheet piling	United States	511	-	-
	United Kingdom	201	-	-
	France	156	-	-
Other structurals	United States	10,497	-	-
	United Kingdom	414	-	-
	Germany	20	-	-
	Belgium	1,696	-	-
	France	89	-	-
	Sweden	177	-	-
Plates -				
78" and under in width	United States	5,981	15	60.1
	United Kingdom	1,746	-	14.5
	Germany	399	-	-
	Belgium	112	-	-
	France	538	-	-
	Japan	707	-	-
	Chile	634	-	-
Over 78" and under 100" in width	United States	4,150	23	13.3
	United Kingdom	2,072	-	-

Table 11 - Imports of Primary Forms of Iron and Steel, January, 1956 (Continued)

Commodity	Country of origin	January, 1956		
		Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)		
Plates (concluded) -				
100" in width and over	United States	1,170	-	.7
	United Kingdom	157	-	-
Flanged, dished or curved	United States	271	-	-
Boiler, pulp-mill digesters	United States	425	-	-
Chequered or surface pattern	United States	2,248	-	-
	United Kingdom	84	-	-
Sheets -				
Silicon .075 or more	United States	-	2,318	-
Galvanized	United States	1,551	-	-
	United Kingdom	45	-	-
Corrugated	United States	617	-	-
For tubes	United States	44	-	-
Hot rolled -				
18 gauge and heavier	United States	7,255	13	-
	United Kingdom	11	-	2.4
Cold rolled -				
18 gauge and heavier	United States	1,325	1	101.8
	United Kingdom	77	-	59.0
Lighter than 18 gauge	United States	2,497	-	145.4
	United Kingdom	350	-	23.6
For motor vehicles	United States	1,994	-	-
For hollow-ware (vitreous enamel)	United States	1,911	-	-
	United Kingdom	7	-	-
Coated with paint, tar, asphaltum, etc.	United States	121	-	-
For saws	United States	-	110	-
	United Kingdom	-	6	-
Wasters and rejects	United States	3,918	-	-
Tin mill black plate	United States	3	-	-
Tin plate - Primes	United States	1	-	-
	United Kingdom	11	-	-
Tin plate - Electrolytic coating	United States	30	-	-
Terne plate - Long	United States	932	-	-
Short	United States	331	-	-
Strip -				
Hot rolled -				
18 gauge and heavier	United States	806	-	-
Lighter than 18 gauge	United States	5	-	-
Cold rolled -				
18 gauge and heavier	United States	199	45	31.1
Lighter than 18 gauge	United States	513	22	104.3
	Sweden	31	3	.1
Hot rolled strip for cold rolling	United States	65	-	-
For saws	United States	-	40	-
	Sweden	-	27	-
For tubes	United States	42	-	-
For tubular products	United States	5	-	-
For shoe, corset laces, buckles, etc.	United States	42	-	-
	United Kingdom	2	-	-
For motor vehicles	United States	979	-	-
For hoops	United States	37	-	-
	United Kingdom	43	-	-
	Japan	6	-	-
Coated with paint, tar, asphaltum, etc.	United States	589	-	-
	Germany	13	-	-
For butt hinges	United States	14	-	-
Galvanized	United States	296	-	-
	United Kingdom	41	-	-
	Belgium	5	-	-
Silicon .075 or more	United States	-	1,403	-
Skelp -				
15 $\frac{3}{8}$ " and under in width	United States	9,066	-	-
Over 15 $\frac{3}{8}$ " in width	United States	1,120	-	-
Plate for pipe	United States	21	-	-

Table 11 - Imports of Primary Forms of Iron and Steel, January, 1956 (Continued)

Commodity	Country of origin	January, 1956		
		Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)		
Pipes and tubes -				
Spiral weld pipe	United States	106	-	-
Cast	United States	2	-	-
	United Kingdom	1,344	-	-
	Germany	8	-	-
Repair of pressure parts of boilers -				
Hot finished	United States	197	110	2.1
	United Kingdom	125	-	-
	Germany	39	-	-
Cold drawn	United States	29	28	8.3
	United Kingdom	32	-	-
Welded	United States	188	-	.4
	United Kingdom	153	-	-
Seamless -				
Cold drawn	United States	874	215	19.8
	United Kingdom	66	-	17.4
	Sweden	-	49	.6
Hot finished, 12" and under in diameter	United States	761	189	-
	United Kingdom	576	-	-
Hot finished, over 12" in diameter	United States	189	1	-
	United Kingdom	1	-	-
Welded, 4" and under in diameter	United States	749	-	3.4
	United Kingdom	192	-	2.1
	Germany	41	-	-
	France	87	-	-
Welded, over 4" in diameter	United States	207	-	.1
Conduit	United States	228	-	-
Casings	United States	5,571	-	-
	United Kingdom	2,847	-	-
	Germany	71	-	-
	Japan	5,967	-	-
	Italy	360	-	-
Tubing -				
Not over 1/2" diameter, welded and coated	United States	33	-	-
Wire rope	United States	92	-	-
	United Kingdom	175	-	-
	Germany	25	-	-
	Belgium	4	-	-
	Japan	3	-	-
	Netherlands	82	-	-
Wire - For rope	United States	821	-	.1
	United Kingdom	1,269	-	-
	Germany	51	-	-
For springs, cushions, mattresses, etc. ...	United States	503	-	-
For corset clasps, dress stays, etc.	United States	9	-	-
	United Kingdom	3	-	-
Coated or covered	United States	87	-	-
	United Kingdom	127	-	-
	Belgium	85	-	-
All other	United States	1,243	7	6.3
	United Kingdom	11	1	.8
	Belgium	61	-	-
	Sweden	18	-	-
	Japan	39	-	-
Wire rods, not over 3/8" in diameter	United States	164	-	-
	United Kingdom	225	-	-
Welding wire and welding rods	United States	4	72	-
Axles - For railway vehicles	United States	29	-	-
Tires - For railway rolling stock	United States	18	-	-
	United Kingdom	386	-	-
	United States	2	-	-
Wheels - For railway rolling stock	United Kingdom	1,875	-	-

Primary Iron and Steel

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Table 11 - Imports of Primary Forms of Iron and Steel, January, 1956 (Concluded)

Table 11 - Imports of Primary Forms of Iron and Steel, January, 1956 (continued)				
Commodity	Country of origin	January, 1956		
		Carbon	Alloy	Stainless
(Tons of 2,000 pounds)				
Rails - 60 lb. and under	United States	293	-	-
	Belgium	117	-	-
Over 60 lb. and including 100 lb.	United States	591	-	-
	United Kingdom	1,054	-	-
Over 100 lb.	United States	16	-	-
	United States	84	-	-
Track material - Fish plates, angle bars, etc.	United Kingdom	92	-	-
	Belgium	6	-	-
	United States	2	-	-
Switch points, etc.	United States	2	-	-
Total imports	United States	101,612	5,391	704.4
	All other	33,595	227	127.7
TOTAL		134,207	5,618	832.1



CANADA

PRIMARY IRON AND STEEL

FEBRUARY, 1956



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-26

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 2

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	February, 1955		February, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic	193,303	1,064	242,627	1,017
Foundry	942	6,494	8,041	11,457
Malleable	20,830	13,233	17,789	18,054
Total pig iron	215,075	20,791	268,457	30,528
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	80,584		169,179	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Two months ended February, 1955		Two months ended February, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic	366,581	2,208	501,195	1,290
Foundry	15,518	13,474	17,945	21,416
Malleable	32,440	22,688	34,401	36,639
Total pig iron	414,539	38,370	553,541	59,345
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	February		Two months ended February	
	1955	1956	1955	1956
(Net tons of 2,000 pounds)				
Iron ore- Canadian	91,302	131,231	166,916	281,331*
Imported	270,690	301,730	536,537	617,805*
Mill cinder, scale, sinter, etc.	53,901	97,499	99,974	198,148
Limestone	73,060	86,891	137,964	176,327
Dolomite	21,787	23,677	45,553	48,909
Coke	191,299	231,480	371,587	473,701
Scrap iron and steel	8,279	13,390	16,372	26,844

* Revised.

Table 4 - Description of Iron Blast Furnaces at End of February, 1956

Condition of furnaces	Number of Furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,292,650	86.3
Banked	-	-	-
Blown out	4	521,700	13.7
Total	16	3,814,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	February, 1955		February, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	282,451	108	349,013	138
Electric	32,206**	-	42,274	3,944
Total steel ingots	314,657**	108**	391,287	4,082
Alloy steel ingots included in above	14,396**	-	15,741	-
<u>Steel castings</u>				
Open hearth - basic	2,282	2,070	2,781	2,497
Converter	2	-	30	21
Electric	4,296**	3,098**	6,540	5,227
Total steel castings	6,580**	5,168**	9,351	7,745
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	189	182	183	148
(b) High alloy, manganese and abrasion resistant	1,016	917	1,494	1,332
(c) All other alloys	409	266	373	297

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over

** Revised.

Table 6 - Production and Sales

	Two months ended February, 1955		Two months ended February, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	556,381	341	726,245	423
Electric	69,129**	-	90,209	9,410
Total steel ingots	625,510**	341**	816,454	9,833
Alloy steel ingots included in above	31,606**	-	32,113	-
<u>Steel castings</u>				
Open hearth - basic	4,315	3,988	5,326	4,750
Converter	2	-	53	36
Electric	8,224**	5,939	12,505	10,132
Total steel castings	12,541**	9,927	17,884	14,918
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	362	318	363	288
(b) High alloy, manganese and abrasion resistant	2,109	1,924	2,775	2,561
(c) All other alloys	745	547	708	520

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over

** Revised.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	F e b r u a r y		Two months ended February	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
(Net tons of 2,000 pounds)				
Pig iron	195,073	215,281	379,820	451,267
Scrap - Own make	82,072	103,789	168,691	212,552
Purchased	66,546	111,084	133,660	234,825

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel, February, 1955 and 1956.

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638

- (1) First quarter.
(2) Second quarter.
(3) Third quarter.
(4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, February, 1956.

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	8,326	1,597	5,338
Other semi-finished shapes, not for re-rolling by makers	21,591	-	18,957
Structural shapes and piling	16,493	16,036	-
Plates	27,480	25,539	-
Rails	29,997	23,539	-
Tie plates and track material: Splice bars	1,858	1,725	-
Tie plates	7,857	6,662	-
Spikes	1,846	1,243	-
Concrete reinforcing bars	26,621	23,888	-
Hot rolled bars for cold finishing	1,733	-	1,794
Other hot rolled bars	50,134	42,550	10,430
Pipes and tubes	27,521	30,274	-
Wire rods	30,417	31,332	78
Hot rolled black sheets	98,407	20,490	76,535
Cold reduced black sheets	35,529	26,976	8,782
Cold reduced strip	4,115	3,665	46
Galvanized sheets	16,318	16,349	193
Steel castings	6,878	6,492	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	99,330	51,265	53,554
Total carbon steel	512,451	329,622	175,707
<u>Alloy steel</u>			
Billets, etc., for forging	502	425	77
Other semi-finished shapes, not for re-rolling by makers	236	-	236
Plates	428	654	-
Other hot rolled bars	5,389	5,098	11
Wire rods	101	120	-
Steel castings	2,230	1,963	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,307	2,251	13
Total alloy steel	11,193	10,511	337

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Two Months Ended February, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	15,313	4,487	8,376
Other semi-finished shapes, not for re-rolling by makers	40,873	2,982	35,384
Structural shapes and piling	33,511	32,599	-
Plates	50,176	47,637	-
Rails	56,912	52,393	-
Tie plates and track material: Splice bars	3,866	3,842	-
Tie plates	14,121	11,747	-
Spikes	3,372	2,781	-
Concrete reinforcing bars	43,943	39,499	-
Hot rolled bars for cold finishing	3,077	-	3,136
Other hot rolled bars	108,526	87,235	21,497
Pipes and tubes	48,046	54,967	-
Wire rods	65,258	65,415	164
Hot rolled black sheets	197,897	45,325	153,024
Cold reduced black sheets	71,934	53,089	17,840
Cold reduced strip	7,989	6,513	431
Galvanized sheets	34,838	34,847	206
Steel castings	13,453	11,986	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	173,754	84,833	94,059
Total carbon steel	986,859	642,177	334,117
<u>Alloy steel</u>			
Billets, etc., for forging	928	840	118
Other semi-finished shapes, not for re-rolling by makers	489	-	489
Plates	1,358	1,339	-
Other hot rolled bars	12,349	11,642	93
Wire rods	204	223	-
Steel castings	3,924	3,610	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	4,375	4,291	29
Total alloy steel	23,627	21,945	729

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	February, 1956		Two months ended February, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	15,233	3,489	31,710	8,988
Agricultural, including farm machinery	8,594	101	17,831	300
Building construction	52,449	164	99,235	239
Containers industry	45,903	9	73,531	13
Machinery and tools	18,297	932	34,522	1,578
Merchant trade products	41,927	339	87,821	689
Mining, lumbering, etc.	16,627	1,871	28,312	3,503
National defence	854	246	2,477	428
Pressing, forming and stamping	27,493	575	56,892	886
Public works and utilities	4,097	73	6,405	133
Railway operating	35,127	184	63,588	428
Railway cars and locomotives	15,084	864	24,349	1,662
Shipbuilding	1,492	53	3,144	77
Miscellaneous and unclassified	1,565	193	2,861	418
Wholesalers and warehouses	41,131	469	88,128	991
Direct export (a) to British Empire ..	1,075	341	2,740	666
(b) to other countries .	2,674	608	18,631	946
Total shipped for sale	329,622	10,511	642,177	21,945
Producers' interchange	175,707	337	334,117	729

Table 13 - Exports of Primary Iron and Steel

	February, 1956	Two months ended February, 1956
	(Tons of 2,000 pounds)	
Pig iron	2,090	3,677
Ingots, blooms and billets	2,251	7,650
Bars	1,030	2,268
Rods	180	386
Plates, sheets and strips	5,838	9,830
Rails	75	21,478
Structural shapes	406	751
Pipe and tubing - Wrought iron	56	808
Cast iron	4	7
Galvanized	7	7
Other	453	465
Castings, iron and steel	2,693	4,547
Forgings	241	564
Total	15,324	52,438*

* Revised.

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, February, 1956, and Year to Date

Commodity	Country of origin	February, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	119	-	-	184	-	-
Foundry	United States	62	-	-	62	-	-
	Australia	-	-	-	1,125	-	-
Ingots	United States	69	50	-	108	187	-
Billets, blooms, slabs and sheet bars ..	United States	448	2	-	930	21	6.4
Bars and sections -							
Hot rolled, n.o.p.	United States	5,157	537	14.3	9,952	926	152.2
	United Kingdom	153	12	1.3	644	84	1.9
	Germany	2	-	-	2	-	-
	Belgium	208	-	-	639	-	-
	Japan	-	-	-	24	-	-
Hot rolled -							
For agricultural implements	United States	952	29	-	1,867	40	-
Rounds over 4 7/8", squares over 4".	United States	461	3	-	757	7	-
	United Kingdom	53	-	-	102	13	-
Concrete reinforcing bars	United States	1,889	-	-	3,216	-	-
	Germany	-	-	-	22	-	-
	Belgium	526	-	-	2,113	-	-
	France	-	-	-	109	-	-
	Japan	440	-	-	440	-	-
Angles, channels, etc.	United States	1,744	-	14.8	2,988	-	70.1
	United Kingdom	220	-	4.6	280	-	4.6
	Germany	1	-	-	1	-	-
	Belgium	545	-	-	878	-	-
	France	75	-	-	160	-	-
	Japan	-	-	-	40	-	-
	Sweden	-	-	-	17	-	-
Structurals (bar sizes) for							
agricultural implements	United States	154	-	-	232	-	-
Sash or casement sections	United States	139	-	-	576	-	-
	United Kingdom	17	-	-	39	-	-
	Belgium	9	-	-	31	-	-
Cold finished, n.o.p.	United States	658	243	5.3	1,586	408	12.5
	United Kingdom	147	-	10.4	338	-	17.0
	Belgium	80	-	-	83	-	-
Cold finished, for agricultural							
implements	United States	285	-	-	978	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, February, 1956, and Year to Date (Continued)

Commodity	Country of origin	February, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Tool steel.....	United States	1	30	-	75	84	-
	United Kingdom	14	150	-	26	194	-
	Austria	-	9	-	-	10	-
	Sweden	-	-	-	-	11	-
Structurals -							
W.F. beams, 8" and over	United States	14,948	-	-	29,587	-	-
	United Kingdom	-	-	-	10	-	-
	Belgium	432	-	-	837	-	-
	France	-	-	-	96	-	-
W.F. beams, under 8"	United States	608	-	-	1,534	-	-
Sheet piling	United States	65	-	-	576	-	-
	United Kingdom	-	-	-	201	-	-
	France	-	-	-	156	-	-
All other	United States	13,093	-	-	23,590	-	-
	United Kingdom	112	-	-	526	-	-
	Germany	111	-	-	131	-	-
	Belgium	1,164	-	-	2,860	-	-
	France	279	-	-	368	-	-
	Sweden	-	-	-	177	-	-
	Norway	425	-	-	425	-	-
Plates -							
78" and under in width	United States	5,707	18	71.6	11,688	33	131.7
	United Kingdom	1,306	-	21.8	3,052	-	36.3
	Germany	376	-	-	775	-	-
	Belgium	366	-	-	478	-	-
	France	-	-	-	538	-	-
	Japan	457	-	-	1,164	-	-
	Chile	-	-	-	634	-	-
Over 78" and under 100" in width	United States	4,604	-	29.4	8,754	23	42.7
	United Kingdom	1,096	-	-	3,168	-	-
	Japan	508	-	-	508	-	-
100" in width and over	United States	1,106	-	-	2,276	-	.7
	United Kingdom	-	-	-	157	-	-
Flanged, dished or curved	United States	355	-	-	626	-	-
Boiler, pulp-mill digesters	United States	594	-	-	1,019	-	-
Chequered or surface pattern	United States	915	-	-	3,163	-	-
	United Kingdom	-	-	-	84	-	-

Sheets -	United States	2,003	-	4,321
Silicon .075 or more	United Kingdom	1	-	1
Galvanized	United States	1,605	3,156	-
Corrugated	United Kingdom	4	49	-
For tubes	United States	697	1,314	-
Hot rolled -	United States	19	63	-
18 gauge and heavier	United States	7,307	14,562	26
Lighter than 18 gauge	United Kingdom	23	34	19.1
Cold rolled -	United States	4	-	-
18 gauge and heavier	United States	1	2,819	2
Lighter than 18 gauge	United Kingdom	95	172	230.5
For motor vehicles	United States	2,137	4,634	171.7
For hollow-ware (vitreous enamel)	United Kingdom	565	915	237.3
Coated with paint, tar, asphaltum, etc.	United States	2,445	4,439	74.0
For saws	United States	1,355	3,266	-
Wasters and rejects	United States	988	995	-
Tin mill black plate	United Kingdom	174	295	-
Tin plate - Primes	United States	81	-	191
Tin plate - Electrolytic coating	United States	-	-	6
Tin plate wasters and seconds	United Kingdom	-	7,667	-
Terne plate - Long	United States	3,749	3	-
Short	United States	-	22	-
Strip -	United States	-	33	-
Hot rolled -	United States	-	30	-
18 gauge and heavier	United States	-	88	-
Lighter than 18 gauge	United States	910	1,566	-
Cold rolled -	United States	-	459	-
18 gauge and heavier	United States	74	568	68.3
Lighter than 18 gauge	United Kingdom	1	1	-
Cold rolled -	Sweden	1	1	-
18 gauge and heavier	United States	6	993	232.5
Lighter than 18 gauge	United Kingdom	3	3	-
Cold rolled -	Germany	1	1	-
18 gauge and heavier	Sweden	1	32	.2
Lighter than 18 gauge	United States	3	68	-
Cold rolled -	United States	116	-	-
18 gauge and heavier	United States	1	-	-
Lighter than 18 gauge	United Kingdom	19	-	-
Cold rolled -	Sweden	-	42	-
18 gauge and heavier	United States	-	5	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
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Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
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Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
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Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
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18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
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Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -	United States	-	-	-
18 gauge and heavier	United States	-	-	-
Lighter than 18 gauge	United States	-	-	-
Cold rolled -				

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, February, 1956, and Year to Date (Continued)

Commodity	Country of origin	February, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For shoe and corset laces, buckles, etc.	United States	87	-	-	129	-	-
	United Kingdom	-	-	-	2	-	-
For motor vehicles	United States	688	-	-	1,667	-	-
For hoops	United States	39	-	-	76	-	-
	United Kingdom	32	-	-	75	-	-
	Japan	-	-	-	6	-	-
Coated with paint, tar, asphaltum, etc..	United States	1,004	-	-	1,593	-	-
	United Kingdom	3	-	-	3	-	-
	Germany	5	-	-	18	-	-
For butt hinges	United States	10	-	-	24	-	-
Galvanized	United States	468	-	-	764	-	-
	United Kingdom	1	-	-	42	-	-
	Belgium	-	-	-	5	-	-
Silicon .075 or more	United States	-	1,125	-	-	2,528	-
Skelp -							
15 3/8" and under in width	United States	5,402	-	-	14,468	-	-
	Germany	2,215	-	-	2,215	-	-
Over 15 3/8" in width	United States	602	-	-	1,722	-	-
Plate for pipe	United States	-	-	-	21	-	-
Pipes and tubes -							
Spiral weld pipe	United States	213	-	-	319	-	-
Cast	United States	4	-	-	6	-	-
	United Kingdom	548	-	-	1,892	-	-
	Germany	-	-	-	8	-	-
Repair of pressure parts of boilers -							
Hot finished	United States	352	11	-	549	121	2.1
	United Kingdom	143	-	-	268	-	-
	Germany	-	-	-	39	-	-
	Sweden	-	-	.2	-	-	.2
Cold drawn	United States	38	-	-	67	28	8.3
	United Kingdom	28	-	-	60	-	-
Welded	United States	130	-	7.1	318	-	7.5
	United Kingdom	174	-	-	327	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	676	76	21.9	1,550	291	41.7
	United Kingdom	61	-	19.5	127	-	36.9
	Sweden	51	-	.3	51	49	.9
Hot finished	United States	781	497	.8	1,542	686	.8
	United Kingdom	6	-	-	582	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, February, 1956, and Year to Date (Concluded)

Commodity	Country of origin	February, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Axles -- For railway vehicles	United States	-	-	-	29	-	-
Tires - For railway rolling stock	United States	12	-	-	30	-	-
	United Kingdom	30	-	-	416	-	-
Wheels - For railway rolling stock	United States	8	-	-	10	-	-
	United Kingdom	585	-	-	2,460	-	-
Rails -							
60 lb. and under	United States	203	-	-	496	-	-
	Germany	49	-	-	49	-	-
	Belgium	21	-	-	138	-	-
Over 60 lb. and including 100 lb.	United States	392	-	-	983	-	-
	United Kingdom	-	-	-	1,054	-	-
Over 100 lb.	United States	-	-	-	16	-	-
Track material -							
Fish plates, angle bars, etc.	United States	144	-	-	228	-	-
	United Kingdom	202	-	-	294	-	-
	Germany	1	-	-	1	-	-
	Belgium	1	-	-	7	-	-
Switch points, etc.	United States	1	-	-	3	-	-
Total imports	United States	100,368	5,083	558.6	201,980	10,474	1,263.0
	All other	22,051	193	239.5	54,646	420	367.2
TOTAL		122,419	5,276	798.1	256,626	10,894	1,630.2

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Canada, Statistics, Bureau
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CANADA



PRIMARY IRON AND STEEL

MARCH, 1956

Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-36

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 3

Industry and Merchandising Division
Metal and Chemical Products Section

Price \$2.00 per year
25 cents per copy

6215-230-36

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	March, 1955		March, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	226,637	1,648	242,263	3,962
Foundry	15,454	8,956	17,722	11,274
Malleable	33,638	8,719	32,657	22,863
Total pig iron	275,729	19,323	292,642	38,099
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	147,969		177,923	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Three months ended March, 1955		Three months ended March, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	593,218	3,856	743,458	5,252
Foundry	30,972	22,430	35,667	32,690
Malleable	66,078	31,407	67,058	59,502
Total pig iron	690,268	57,693	846,183	97,444
<u>Ferro-alloys</u>	24,180	31,177	58,590	58,814

★ Includes amounts for sale and for own use.

Table 3 - Iron Blast Furnace Charges

	March		Three months ended March	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
(Net tons of 2,000 pounds)				
Iron ore - Canadian	103,870	127,646	270,786	408,977
Imported	342,575	328,347	879,112	946,152
Mill cinder, scale, sinter, etc.,	85,086	63,292	185,060	261,440
Limestone	93,692	92,449	231,656	268,776
Dolomite	26,178	28,106	71,731	77,015
Coke	243,272	250,828	614,859	724,529
Scrap iron and steel	9,481	14,548	25,853	41,392

Table 4 - Description of Iron Blast Furnaces at End of March, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,288,650	86.2
Banked	-	-	-
Blown out	4	525,700	13.8
Total	16	3,814,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	March, 1955		March, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	337,846	-	382,403	522
Electric	39,020	36**	47,317	5,677
Total steel ingots	376,866	36**	429,720	6,199
Alloy steel ingots included in above	16,876	15	17,507	-
<u>Steel castings</u>				
Open hearth - basic	2,675	2,426	3,040	2,650
Converter	2	-	50	40
Electric	5,071	4,079	7,915	6,182
Total steel castings	7,748	6,505	11,005	8,872
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	207	179	211	190
(b) High alloy, manganese and abrasion resistant	1,218	1,098	1,595	1,234
(c) All other alloys	540	314	351	250

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

** Revised.

Table 6 - Production and Sales

	Three months ended March, 1955		Three months ended March, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	894,227	341	1,108,648	945
Electric	108,149**	36**	137,526	15,087
Total steel ingots	1,002,376**	377**	1,246,174	16,032
Alloy steel ingots included in above	48,482	15	49,620	-
<u>Steel castings</u>				
Open hearth - basic	6,990	6,414	8,366	7,400
Converter	4	-	103	76
Electric	13,295**	10,018	20,420	16,314
Total steel castings	20,289**	16,432	28,889	23,790
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	569	497	574	478
(b) High alloy, manganese and abrasion resistant	3,327	3,022	4,370	3,795
(c) All other alloys	1,285	861	1,059	770

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

** Revised.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	March		Three months ended March	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	228,164	240,460	607,984	691,727
Scrap - Own make	100,363	120,288	269,054	332,840
Purchased	86,153	112,429	219,813	347,254

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel,

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
			(Net tons of 2,000 pounds)		
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642		429,720	11,005	440,725
Total three months ..	846,183	58,590 (1)	1,246,174	28,889	1,275,063

- (1) First quarter
 (2) Second quarter
 (3) Third quarter
 (4) Fourth quarter

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, March, 1956.

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	8,946	5,512	4,948
Other semi-finished shapes, not for re-rolling by makers	20,808	228	21,905
Structural shapes and piling	21,652	19,623	6
Plates	24,057	27,201	-
Rails	32,052	35,580	-
Tie plates and track material: Splice bars	1,766	1,880	-
Tie plates.	8,208	8,847	-
Spikes	1,806	1,963	-
Concrete reinforcing bars	17,341	17,600	-
Hot rolled bars for cold finishing	1,356	-	1,375
Other hot rolled bars	53,020	40,033	12,529
Pipes and tubes	39,103	36,101	-
Wire rods	35,883	35,559	163
Hot rolled black sheets	114,854	22,685	92,079
Cold reduced black sheets	26,317	26,295	9,456
Cold reduced strip	4,435	4,008	94
Galvanized sheets	18,781	16,733	250
Steel castings	8,250	10,473	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	108,329	56,319	65,980
Total carbon steel	556,964	366,640	208,785
<u>Alloy steel</u>			
Billets, etc., for forging	606	560	-
Other semi-finished shapes, not for re-rolling by makers	45	-	45
Plates	1,309	1,144	-
Other hot rolled bars	6,902	7,971	1
Wire rods	60	63	-
Steel castings	2,284	1,822	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,893	2,794	58
Total alloy steel	14,099	14,354	104

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Three Months Ended March, 1956.

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	24,259	9,999	13,324
Other semi-finished shapes, not for re-rolling by makers	61,681	3,210	57,289
Structural shapes and piling	55,163	52,222	6
Plates	74,233	74,838	-
Rails	88,964	87,973	-
Tie plates and track material: Splice bars	5,632	5,722	-
Tie plates	22,329	20,594	-
Spikes	5,178	4,744	-
Concrete reinforcing bars	61,284	57,099	-
Hot rolled bars for cold finishing	4,433	-	4,511
Other hot rolled bars	161,546	127,268	34,026
Pipes and tubes	87,149	91,068	-
Wire rods	101,141	100,974	327
Hot rolled black sheets	312,751	68,010	245,103
Cold reduced black sheets	108,251	79,384	27,296
Cold reduced strip	12,424	10,521	525
Galvanized sheets	53,619	51,580	456
Steel castings	21,703	22,459	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	282,083	141,152	160,039
Total carbon steel	1,543,823	1,008,817	542,902
<u>Alloy steel</u>			
Billets, etc., for forging	1,534	1,400	118
Other semi-finished shapes, not for re-rolling by makers	534	-	534
Plates	2,667	2,483	-
Other hot rolled bars	19,251	19,613	94
Wire rods	264	286	-
Steel castings	6,208	5,432	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	7,268	7,085	87
Total alloy steel	37,726	36,299	833

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	March, 1956		Three months ended March, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	14,440	5,546	46,150	14,534
Agricultural, including farm machinery	7,082	378	24,913	678
Building construction	49,661	292	148,896	531
Containers industry	49,710	47	123,241	60
Machinery and tools	18,463	1,590	52,985	3,168
Merchant trade products	45,878	585	133,699	1,274
Mining, lumbering, etc.	13,706	1,261	42,018	4,764
National defence	1,099	211	3,576	639
Pressing, forming and stamping	31,622	452	88,514	1,338
Public works and utilities	9,495	78	15,900	211
Railway operating	39,606	1,299	103,194	1,727
Railway cars and locomotives	20,576	122	44,925	1,784
Shipbuilding	1,178	37	4,322	114
Miscellaneous and unclassified	1,428	193	4,289	611
Wholesalers and warehouses	44,257	667	132,385	1,658
Direct export (a) to British Empire ..	748	652	3,488	1,318
(b) to other countries .	17,691	944	36,322	1,890
Total shipped for sale	366,640	14,354	1,008,817	36,299
Producers' interchange	208,785	104	542,902	833

Table 13 - Exports of Primary Iron and Steel

	March, 1956	Three months ended March, 1956
	(Tons of 2,000 pounds)	
Pig iron	5,463	9,140
Ingots, blooms and billets	1,226	8,876
Bars	743	3,011
Rods	120	506
Plates, sheets and strips	3,381	13,211
Rails	790	22,268
Structural shapes	256	1,007
Pipe and tubing - Wrought iron	-	808
Cast iron	-	7
Galvanized	78	85
Other	41	506
Castings, iron and steel	3,241	7,788
Forgings	179	743
Total	15,518	67,956

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, March, 1956, and Year to Date

Commodity	Country of origin	March, 1956		Year to date	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
				Stainless	Stainless
Pig iron -					
Silvery	United States	142	-	-	-
Foundry	United States	6	-	-	-
	Australia	-	-	-	-
	United States	108	4	-	191
Ingots	United States	26	-	40.3	21
Billets, blooms, slabs and sheet bars ..	United Kingdom	-	3	-	3
	United States	212	-	-	-
Tube rounds and tube billets					
Bars and sections -					
Hot rolled, n.o.p.	United States	5,752	509	11.2	1,435
	United Kingdom	250	9	7.3	93
	Germany	-	-	-	-
	Belgium	110	-	-	-
	Japan	-	-	-	-
	Sweden	-	7	-	7
Hot rolled -					
For agricultural implements	United States	1,255	50	-	90
Rounds over 4 7/8", squares over 4".	United States	200	12	-	19
	United Kingdom	27	5	-	18
	United States	1,622	-	-	-
Concrete reinforcing bars	United Kingdom	56	-	-	-
	Germany	-	-	-	-
	Belgium	-	-	-	-
	France	-	-	-	-
	Japan	1,320	-	-	-
Angles, channels, etc.	United States	4,519	-	9.1	-
	United Kingdom	205	-	-	-
	Germany	-	-	-	-
	Belgium	476	-	-	-
	France	126	-	-	-
	Japan	-	-	-	-
	Sweden	-	-	-	-
Structurals (bar sizes) for					
agricultural implements	United States	102	-	-	-
Sash or casement sections	United States	407	-	-	-
	United Kingdom	71	-	-	-
	Belgium	53	-	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, March, 1956, and Year to Date (Continued)

Commodity	Country of origin	March, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded)							
Cold finished, n.o.p.	United States	867	345	11.0	2,453	753	23.5
	United Kingdom	120	-	6.7	458	-	23.7
	Belgium	28	-	-	111	-	-
Cold finished, for agricultural implements	United States	136	-	-	1,114	-	-
Tool steel	United States	30	76	-	105	160	-
	United Kingdom	21	60	-	47	254	-
	Austria	-	-	-	-	10	-
	Sweden	-	6	-	-	17	-
Structurals -							
W.F. beams, 8" and over	United States	13,168	-	-	42,755	-	-
	United Kingdom	-	-	-	10	-	-
	Belgium	920	-	-	1,757	-	-
	France	-	-	-	96	-	-
W.F. beams, under 8"	United States	670	-	-	2,204	-	-
Sheet piling	United States	-	-	-	576	-	-
	United Kingdom	-	-	-	201	-	-
	France	-	-	-	156	-	-
All other	United States	12,156	-	-	35,746	-	-
	United Kingdom	171	-	-	697	-	-
	Germany	-	-	-	131	-	-
	Belgium	1,226	-	-	4,086	-	-
	France	546	-	-	914	-	-
	Sweden	-	-	-	177	-	-
	Norway	21	-	-	446	-	-
Plates -							
78" and under in width	United States	5,473	14	70.9	17,161	47	202.6
	United Kingdom	1,835	-	2.1	4,887	-	38.4
	Germany	447	-	-	1,222	-	-
	Belgium	1,349	-	-	1,827	-	-
	France	165	-	-	703	-	-
	Japan	303	-	-	1,467	-	-
	Chile	-	-	-	634	-	-
Over 78" and under 100" in width	United States	3,356	-	22.0	12,110	23	64.7
	United Kingdom	1,085	-	-	4,253	-	-
	Germany	38	-	-	38	-	-
	Japan	-	-	-	508	-	-
100" in width and over	United States	1,347	-	.6	3,623	-	1.3
	United Kingdom	-	-	-	157	-	-

Flanged, dished or curved	United States	196	-	-	822	-
Boiler, pulp-mill digesters	United States	457	-	-	1,476	-
Chequered or surface pattern	United States	1,044	-	-	4,207	-
	United Kingdom	-	-	-	84	-
<hr/>						
Sheets -						
Silicon .075 or more	United States	-	2,233	-	-	6,554
	United Kingdom	-	2	-	-	3
Galvanized	United States	2,033	-	-	5,189	-
	United Kingdom	105	-	-	154	-
	Japan	28	-	-	28	-
Corrugated	United States	642	-	-	1,956	-
For tubes	United States	224	-	-	287	-
Hot rolled -						
18 gauge and heavier	United States	7,597	10	3.2	22,159	36
	United Kingdom	526	-	36.2	560	3.5
	United States	1	-	-	1	55.3
	United Kingdom	84	-	-	84	-
Cold rolled -						
18 gauge and heavier	United States	1,525	4	79.9	4,344	6
	United Kingdom	209	-	76.3	381	310.4
	United States	2,441	7	146.2	7,075	248.0
	United Kingdom	987	-	12.8	1,902	383.5
For motor vehicles	United States	2,517	-	-	6,956	86.8
For hollow-ware (vitreous enamel)	United States	1,226	-	-	4,492	-
	United Kingdom	255	-	-	1,250	-
	United States	207	-	-	502	-
Coated with paint, tar, asphaltum, etc.	United States	7	-	-	7	-
For heating apparatus, blue polished ..	United States	-	112	-	-	303
For saws	United Kingdom	-	3	-	-	9
	United States	2,640	-	-	10,307	-
Wasters and rejects	United States	-	-	-	3	-
Tin mill black plate	United States	-	-	-	22	-
Tin plate - Primes	United States	14	-	-	47	-
	United Kingdom	73	-	-	103	-
Tin plate - Electrolytic coating	United States	129	-	-	217	-
Tin plate wasters and seconds	United States	571	-	-	2,137	-
Terne plate - Long	United States	332	-	-	791	-
	United States	-	-	-	-	-
	United States	-	-	-	-	-
<hr/>						
Strip -						
Hot rolled -						
18 gauge and heavier	United States	1,422	24	-	3,138	24
	France	37	-	-	37	-
	United States	101	22	-	106	22
Lighter than 18 gauge						
Cold rolled -						
18 gauge and heavier	United States	260	21	57.9	828	140
	United Kingdom	-	-	-	1	-
	Sweden	1	-	-	2	-
						126.2

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, March, 1956, and Year to Date (Continued)

Commodity	Country of origin	March, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	542	-	121.5	1,535	30	354.0
	United Kingdom	-	-	-	3	-	-
	Germany	-	-	-	1	-	-
	Sweden	13	21	1.5	45	25	1.7
Hot rolled strip for cold rolling	United States	-	-	-	68	-	-
For saws	United States	-	169	-	-	325	-
	United Kingdom	-	-	-	-	1	-
	Germany	-	3	-	-	3	-
	Sweden	-	4	-	-	50	-
For tubes	United States	-	-	-	42	-	-
For tubular products	United States	-	-	-	5	-	-
For shoe and corset laces, buckles, etc.	United States	-	-	-	129	-	-
	United Kingdom	-	-	-	2	-	-
For motor vehicles	United States	754	-	-	2,421	-	-
For hoops	United States	134	-	-	210	-	-
	United Kingdom	35	-	-	110	-	-
	Japan	-	-	-	6	-	-
Coated with paint, tar, asphaltum, etc.	United States	585	-	-	2,178	-	-
	United Kingdom	-	-	-	3	-	-
	Germany	1	-	-	19	-	-
For butt hinges	United States	89	-	-	113	-	-
Galvanized	United States	607	-	-	1,371	-	-
	United Kingdom	-	-	-	42	-	-
	Belgium	-	-	-	5	-	-
Silicon .075 or more	United States	-	737	-	-	3,265	-
Skelp -							
15 3/8" and under in width	United States	6,177	-	-	20,645	-	-
	Germany	2,324	-	-	4,539	-	-
Over 15 3/8" in width	United States	385	-	-	2,107	-	-
Plate for pipe	United States	-	-	-	21	-	-
Pipes and tubes -							
Spiral weld pipe	United States	52	-	-	371	-	-
Cast	United States	8	-	-	14	-	-
	United Kingdom	1,546	-	-	3,438	-	-
	Germany	-	-	-	8	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, March, 1956, and Year to Date (Concluded)

Commodity	Country of origin	March, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire (concluded)							
For springs, cushions, mattresses, etc.	United States	165	-	-	877	-	-
For corset clasps, dress stays, etc. .	United States	9	-	-	61	-	-
	United Kingdom	2	-	-	9	-	-
Coated or covered	United States	10	-	.2	174	-	.2
	United Kingdom	129	-	-	268	-	-
	Germany	-	-	-	6	-	-
	Belgium	5	-	-	90	-	-
All other	United States	818	7	6.2	2,844	112	14.7
	United Kingdom	74	2	-	91	3	1.4
	Germany	-	-	-	75	-	-
	Belgium	88	-	-	155	-	-
	France	88	-	-	129	-	-
	Sweden	16	-	-	34	-	-
	Japan	-	-	-	50	-	-
Wire rods, not over 3/8" in diameter ...	United States	155	-	-	390	-	-
	United Kingdom	500	-	-	1,122	-	-
Welding wire and welding rods	United States	2	53	-	7	191	-
Axles -- For railway vehicles	United States	-	-	-	29	-	-
Tires - For railway rolling stock	United States	4	-	-	34	-	-
	United Kingdom	712	-	-	1,128	-	-
Wheels - For railway rolling stock	United States	2	-	-	12	-	-
	United Kingdom	531	-	-	2,991	-	-
Rails -							
60 lb. and under	United States	279	-	-	775	-	-
	United Kingdom	2	-	-	2	-	-
	Germany	-	-	-	49	-	-
	Belgium	-	-	-	138	-	-
Over 60 lb. and including 100 lb.	United States	186	-	-	1,169	-	-
	United Kingdom	-	-	-	1,054	-	-
Over 100 lb.	United States	22	-	-	38	-	-
Track material -							
Fish plates, angle bars, etc.	United States	98	-	-	326	-	-
	United Kingdom	690	-	-	984	-	-
	Germany	-	-	-	1	-	-
	Belgium	-	-	-	7	-	-
Switch points, etc.	United States	3	-	-	6	-	-
Total imports	United States	103,675	5,274	617.2	305,655	15,748	1,880.2
	All other	36,078	172	152.9	90,724	592	520.1
TOTAL		139,753	5,446	770.1	396,379	16,340	2,400.3

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	April, 1955		April, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	227,943	2,328	233,624	13,264
Foundry	30,604	13,972	6,379	10,768
Malleable	13,640	32,075	47,080	25,306
Total pig iron	272,187	48,375	287,083	49,338
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	164,548		183,260	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Four months ended April, 1955		Four months ended April, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	821,161	6,184	977,082	18,516
Foundry	61,576	36,402	42,046	43,458
Malleable	79,718	63,482	114,138	84,808
Total pig iron	962,455	106,068	1,133,266	146,782
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	April		Four months ended April	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
(Net tons of 2,000 pounds)				
Iron ore - Canadian	113,071	124,429	383,857	533,406
Imported	309,470	313,244	1,188,582	1,259,396
Mill cinder, scale, sinter, etc	98,069	60,757	283,129	322,197
Limestone	89,647	86,218	321,303	354,994
Dolomite	24,580	26,937	96,311	103,952
Coke	233,781	242,892	848,640	967,421
Scrap iron and steel	9,764	16,213	35,617	57,605

Table 4 - Description of Iron Blast Furnaces at End of April, 1956.

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,289,150	86.2
Banked	-	-	-
Blown out	4	525,200	13.8
Total	16	3,814,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	April, 1955		April, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	314,146	16,211	376,848	276
Electric	39,231	-	46,766	5,691
Total steel ingots	353,377	16,211	423,614	5,967
Alloy steel ingots included in above	17,805	-	18,234	-
<u>Steel castings</u>				
Open hearth - basic	2,407	2,127	2,764	2,280
Converter	8	7	59	66
Electric	4,962	3,455	7,629	6,839
Total steel castings	7,377	5,589	10,452	9,185
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	195	148	261	242
(b) High alloy, manganese and abrasion resistant	1,047	1,080	1,699	1,623
(c) All other alloys	526	288	545	188

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Four months ended April, 1955		Four months ended April, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,208,373	16,552	1,485,496	1,221
Electric	147,380	36	184,292	20,778
Total steel ingots	1,355,753	16,588	1,669,788	21,999
Alloy steel ingots included in above	66,287	15	67,854	-
<u>Steel castings</u>				
Open hearth - basic	9,397	8,541	11,130	9,680
Converter	12	7	162	142
Electric	18,257	13,473	28,049	23,153
Total steel castings	27,666	22,021	39,341	32,975
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	764	645	835	720
(b) High alloy, manganese and abrasion resistant	4,374	4,102	6,069	5,418
(c) All other alloys	1,811	1,149	1,604	958

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	April		Four months ended April	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	210,511	233,845	818,495	925,572
Scrap - Own make	119,459	107,946	388,513	440,786
Purchased	91,188	122,711	311,001	469,965

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel,

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,590 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
Total four months...	1,133,266		1,669,788	39,341	1,709,129

- (1) First quarter
 (2) Second quarter
 (3) Third quarter
 (4) Fourth quarter

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, April, 1956.

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	10,322	3,810	4,578	
Other semi-finished shapes, not for re-rolling by makers	19,216	137	18,123	
Structural shapes and piling	16,401	20,303	-	
Plates	27,505	24,797	-	
Rails	28,626	34,419	-	
Tie plates and track material: Splice bars	1,746	1,805	-	
Tie plates	6,082	4,931	-	
Spikes	1,664	1,684	-	
Concrete reinforcing bars	28,730	22,499	-	
Hot rolled bars for cold finishing	440	-	416	
Other hot rolled bars	51,180	38,149	6,149	
Pipes and tubes	33,246	32,518	-	
Wire rods	37,522	34,282	209	
Hot rolled black sheets	91,266	17,878	70,652	
Cold reduced black sheets	35,002	26,209	8,991	
Cold reduced strip	3,742	3,522	193	
Galvanized sheets	18,375	17,703	344	
Steel castings	7,964	7,704	65	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	80,790	21,857	41,330	
Total carbon steel	499,819	314,207	151,050	
<u>Alloy steel</u>				
Billets, etc., for forging	389	409	18	
Other semi-finished shapes, not for re-rolling by makers	84	-	84	
Plates	411	517	-	
Other hot rolled bars	5,827	5,428	17	
Wire rods	116	82	-	
Steel castings	2,257	1,881	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,899	2,771	60	
Total alloy steel	11,983	11,088	179	

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Four Months Ended April, 1956.

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	34,581	13,809	17,902	
Other semi-finished shapes, not for re-rolling by makers	80,897	3,347	75,412	
Structural shapes and piling	71,564	72,525	6	
Plates	101,738	99,635	-	
Rails	117,590	122,392	-	
Tie plates and track material: Splice bars	7,378	7,527	-	
Tie plates	28,411	25,525	-	
Spikes	6,842	6,428	-	
Concrete reinforcing bars	90,014	79,598	-	
Hot rolled bars for cold finishing	4,873	-	4,927	
Other hot rolled bars	212,726	165,417	40,175	
Pipes and tubes	120,395	123,586	-	
Wire rods	138,663	135,256	536	
Hot rolled black sheets	404,017	85,888	315,755	
Cold reduced black sheets	143,253	105,593	36,287	
Cold reduced strip	16,166	14,043	718	
Galvanized sheets	71,994	69,283	800	
Steel castings	29,667	30,163	65	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	362,873	163,009	201,369	
Total carbon steel	2,043,642	1,323,024	693,952	
<u>Alloy steel</u>				
Billets, etc., for forging	1,923	1,809	136	
Other semi-finished shapes, not for re-rolling by makers	618	-	618	
Plates	3,078	3,000	-	
Other hot rolled bars	25,078	25,041	111	
Wire rods	380	368	-	
Steel castings	8,465	7,313	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	10,167	9,856	147	
Total alloy steel	49,709	47,387	1,012	

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	April, 1956		Four months ended April, 1956.	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	9,694	3,910	55,844	18,444
Agricultural, including farm machinery	6,319	68	31,232	746
Building construction	50,419	161	199,315	692
Containers industry	12,804	10	136,045	70
Machinery and tools	20,137	1,440	73,122	4,608
Merchant trade products	42,008	352	175,707	1,626
Mining, lumbering, etc.	17,621	1,534	59,639	6,298
National defence	863	107	4,439	746
Pressing, forming and stamping	30,764	349	119,278	1,687
Public works and utilities	5,098	69	20,998	280
Railway operating	40,640	108	143,834	1,835
Railway cars and locomotives	23,846	622	68,771	2,406
Shipbuilding	1,329	41	5,651	155
Miscellaneous and unclassified	1,901	165	6,190	776
Wholesalers and warehouses	46,398	791	178,783	2,449
Direct export (a) to British Empire ..	1,313	663	4,801	1,981
(b) to other countries .	3,053	698	39,375	2,588
Total shipped for sale	314,207	11,088	1,323,024	47,387
Producers' interchange	151,050	179	693,952	1,012

Table 13 - Exports of Primary Iron and Steel

	April, 1956	Four months ended April, 1956
	(Tons of 2,000 pounds)	
Pig iron	7,333	16,473
Ingots, blooms and billets	881	9,757
Bars	830	3,841
Rods	303	809
Plates, sheets and strips	3,383	16,594
Rails	8,652	30,920
Structural shapes	690	1,697
Pipe and tubing - Wrought iron	358	1,166
Cast iron	18	25
Galvanized	8	93
Other	4	510
Castings, iron and steel	2,462	10,250
Forgings	320	1,063
Total	25,242	93,198

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, April, 1956, and Year to Date

Commodity	Country of origin	April, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silverly	United States	158	-	-	484	-	-
Foundry	United States	58	-	-	126	-	-
	Australia	-	-	-	1,125	-	-
Ingots	United States	168	86	-	384	277	-
Billets, blooms, slabs and sheet bars ..	United States	512	14	35.3	1,468	35	82.0
	United Kingdom	-	-	-	-	3	-
	United States	-	-	-	212	-	-
Tube rounds and tube billets							
Bars and sections -							
Hot rolled, n.o.p.	United States	5,953	327	23.0	21,657	1,762	186.4
	United Kingdom	419	103	7.0	1,313	196	16.2
	Germany	-	-	-	2	-	-
	Belgium	2,138	-	-	2,887	-	-
	France	756	-	-	756	-	-
	Japan	22	-	-	46	-	-
	Sweden	-	1	-	-	8	-
Hot rolled -							
For agricultural implements	United States	1,252	6	-	4,374	96	-
Rounds over 4 7/8", squares over 4".	United States	180	5	-	1,137	24	-
	United Kingdom	31	2	-	160	20	-
Concrete reinforcing bars	United States	2,796	-	-	7,634	-	-
	United Kingdom	22	-	-	78	-	-
	Germany	-	-	-	22	-	-
	Belgium	1,912	-	-	4,025	-	-
	France	1,306	-	-	1,415	-	-
	Japan	-	-	-	1,760	-	-
Angles, channels, etc.	United States	2,396	-	14.4	9,903	-	93.6
	United Kingdom	807	-	.6	1,292	-	5.2
	Germany	175	-	-	176	-	-
	Belgium	2,896	-	-	4,250	-	-
	France	288	-	-	574	-	-
	Japan	-	-	-	40	-	-
	Sweden	-	-	-	17	-	-
Structurals (bar sizes) for							
agricultural implements	United States	446	-	-	780	-	-
Sash or casement sections	United States	217	-	-	1,200	-	-
	United Kingdom	114	-	-	224	-	-
	Belgium	5	-	-	89	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, April, 1956, and Year to Date (Continued)

Commodity	Country of origin	April, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Cold finished, n.o.p.	United States	767	648	6.6	3,220	1,401	30.1
	United Kingdom	194	-	31.5	652	-	55.2
	Belgium	4	-	-	115	-	-
Cold finished, for agricultural implements	United States	517	-	-	1,631	-	-
Tool steel	United States	266	134	-	371	294	-
	United Kingdom	39	100	-	86	354	-
	Austria	-	-	-	-	10	-
	Sweden	-	3	-	-	20	-
Structurals -							
W.F. beams, 8" and over	United States	15,969	-	-	58,724	-	-
	United Kingdom	-	-	-	10	-	-
	Belgium	590	-	-	2,347	-	-
	France	167	-	-	263	-	-
W.F. beams, under 8"	United States	797	-	-	3,001	-	-
Sheet piling	United States	166	-	-	742	-	-
	United Kingdom	301	-	-	502	-	-
	France	237	-	-	393	-	-
All other	United States	13,978	-	-	49,724	-	-
	United Kingdom	353	-	-	1,050	-	-
	Germany	526	-	-	657	-	-
	Belgium	5,065	-	-	9,151	-	-
	France	1,246	-	-	2,160	-	-
	Sweden	-	-	-	177	-	-
	Norway	345	-	-	791	-	-
Plates -							
78" and under in width	United States	7,745	29	72.4	24,906	76	275.0
	United Kingdom	1,477	-	8.2	6,364	-	46.6
	Germany	2,172	-	-	3,394	-	-
	Belgium	1,431	-	-	3,258	-	-
	France	156	-	-	859	-	-
	Japan	881	-	-	2,348	-	-
	Chile	1,762	-	-	2,396	-	-
Over 78" and under 100" in width	United States	4,384	-	88.8	16,494	23	153.5
	United Kingdom	1,893	-	-	6,146	-	-
	Germany	-	-	-	38	-	-
	Japan	81	-	-	589	-	-

100" in width and over	United States	1,424	-	-	5,047	-	1.3
	United Kingdom	62	-	-	219	-	-
Flanged, dished or curved	United States	235	-	-	1,057	-	-
Boiler, pulp-mill digesters	United States	383	-	-	1,859	-	-
	United Kingdom	34	-	-	34	-	-
Chequered or surface pattern	United States	1,482	-	-	5,689	-	-
	United Kingdom	190	-	-	274	-	-
Sheets -							
Silicon .075 or more	United States	-	2,511	-	-	9,065	-
	United Kingdom	-	-	-	-	3	-
Galvanized	United States	1,881	-	-	7,070	-	-
	United Kingdom	78	-	-	232	-	-
	Japan	-	-	-	28	-	-
Corrugated	United States	1,488	-	-	3,444	-	-
For tubes	United States	97	-	-	384	-	-
Hot rolled -							
18 gauge and heavier	United States	10,969	14	1.3	33,128	50	4.8
	United Kingdom	820	-	10.1	1,380	-	65.4
	Belgium	69	-	-	69	-	-
	Sweden	-	-	124.3	-	-	124.3
Lighter than 18 gauge	United States	-	4	-	1	8	-
	United Kingdom	-	-	-	84	-	-
Cold rolled -							
18 gauge and heavier	United States	1,853	-	57.3	6,197	6	367.7
	United Kingdom	534	-	132.6	915	-	380.6
	France	55	-	-	55	-	-
Lighter than 18 gauge	United States	3,101	-	83.4	10,176	7	466.9
	United Kingdom	1,688	-	44.2	3,590	-	131.0
For motor vehicles	United States	1,602	-	-	8,558	-	-
For hollow-ware (vitreous enamel)	United States	2,772	-	-	7,264	-	-
	United Kingdom	999	-	-	2,249	-	-
Coated with paint, tar, asphaltum, etc.	United States	116	-	-	618	-	-
For heating apparatus, blue polished ..	United States	-	-	-	7	-	-
For saws	United States	-	109	-	-	412	-
	United Kingdom	-	9	-	-	18	-
	Sweden	-	1	-	-	1	-
Wasters and rejects	United States	3,106	-	-	13,413	-	-
Tin mill black plate	United States	11	-	-	14	-	-
Tin plate - Primes	United States	275	-	-	297	-	-
	United Kingdom	51	-	-	98	-	-
Tin plate - Electrolytic coating	United States	316	-	-	419	-	-
Tin plate wasters and seconds	United States	76	-	-	293	-	-
Terne plate - Long	United States	562	-	-	2,699	-	-
Short	United States	135	-	-	926	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	1,738	-	-	4,876	24	-
	France	199	-	-	236	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, April, 1956, and Year to Date (Continued)

Commodity	Country of origin	April, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
Hot rolled (concluded) -							
Lighter than 18 gauge	United States	171	-	-	277	22	-
Cold rolled -							
18 gauge and heavier	United States	49	72	32.5	877	212	158.7
	United Kingdom	-	-	-	1	-	-
	Sweden	-	-	-	2	-	-
Lighter than 18 gauge	United States	380	15	166.5	1,915	45	520.5
	United Kingdom	1	-	-	4	-	-
	Germany	-	-	-	1	-	-
	Sweden	-	15	.1	45	40	1.8
Hot rolled strip for cold rolling	United States	-	-	-	68	-	-
For saws	United States	4	20	-	4	345	-
	United Kingdom	-	2	-	-	3	-
	Germany	-	-	-	-	3	-
	Sweden	-	27	-	-	77	-
For tubes	United States	-	-	-	-	-	-
For tubular products	United States	-	-	-	42	-	-
For shoe and corset laces, buckles, etc.	United States	36	-	-	165	-	-
	United Kingdom	-	-	-	2	-	-
For motor vehicles	United States	203	-	-	2,624	-	-
For hoops	United States	81	-	-	291	-	-
	United Kingdom	54	-	-	164	-	-
	Japan	-	-	-	6	-	-
Coated with paint, tar, asphaltum, etc.	United States	1,259	-	-	3,437	-	-
	United Kingdom	81	-	-	11	-	-
	Germany	21	-	-	40	-	-
For butts and hinges	United States	133	-	-	246	-	-
Hoop band, or strip, galvanized	United States	592	-	-	1,963	-	-
	United Kingdom	149	-	-	191	-	-
	Belgium	-	-	-	5	-	-
Silicon .075 or more	United States	-	997	-	-	4,262	-
Skelp -							
15 3/8" and under in width	United States	10,341	-	-	-	-	-
	Germany	993	-	-	30,986	-	-
Over 15 3/8" in width	United States	8,462	-	-	5,532	-	-
Plate for pipe	United States	147	-	-	10,569	-	-
					168	-	-

Pipes and tubes -									
Spiral weld pipe	184	-	-	555	-	-	-	-	-
Cast	75	-	-	89	-	-	-	-	-
	4,190	-	-	7,628	-	-	-	-	-
	6	-	-	14	-	-	-	-	-
Repair of pressure parts of boilers -									
Seamless, hot finished.....	224	117	-	1,050	321	-	-	2.2	-
	177	-	-	545	-	-	-	-	-
	18	-	-	68	-	-	-	-	-
	-	-	-	4	-	-	-	.2	-
Cold drawn	123	2	16.4	255	31	-	-	24.7	-
	46	-	-	111	-	-	-	-	-
Welded	85	-	.5	491	-	-	-	8.0	-
	145	-	-	565	-	-	-	-	-
	22	-	-	41	-	-	-	-	-
Seamless, 12" and under in diameter -									
Cold drawn	780	177	31.4	2,907	698	-	-	94.8	-
	69	-	24.4	297	-	-	-	70.9	-
	36	-	2.2	87	96	-	-	3.5	-
Hot finished	621	358	.2	2,785	1,592	-	-	1.5	-
	705	-	-	2,723	-	-	-	-	-
	10	-	-	10	-	-	-	-	-
Seamless, over 12" in diameter -									
Hot finished	388	-	-	1,027	1	-	-	-	-
	-	-	-	1,203	-	-	-	-	-
	4	-	-	4	-	-	-	-	-
Welded, 4" and under in diameter ...	945	-	8.7	3,101	1	-	-	22.5	-
	575	-	-	888	-	-	-	3.0	-
	-	-	-	49	-	-	-	-	-
	-	-	-	93	-	-	-	-	-
	10	-	-	10	-	-	-	-	-
Welded, over 4" in diameter	26,664	-	22.9	33,840	-	-	-	30.8	-
	5,527	-	-	12,568	-	-	-	-	-
Conduit	222	-	-	1,113	-	-	-	-	-
Casings	7,213	-	-	24,981	-	-	-	-	-
	901	-	-	6,687	-	-	-	-	-
	374	-	-	693	-	-	-	-	-
	134	-	-	134	-	-	-	-	-
	424	-	-	1,919	-	-	-	-	-
	196	-	-	2,120	-	-	-	-	-
	4,149	-	-	14,206	-	-	-	-	-
Tubing -									
Not over 1/2" diameter, welded	18	-	-	109	-	-	-	-	-
and coated									
	United States	-	-		-	-	-	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, April, 1956, and Year to Date (Concluded)

Commodity	Country of origin	April, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire rope	United States	73	-	.1	514	-	.7
	United Kingdom	212	-	-	665	-	-
	Germany	35	-	-	105	-	-
	Belgium	32	-	-	55	-	-
	Japan	93	-	-	232	-	-
	Netherlands	22	-	-	208	-	-
	Sweden	-	-	-	1	-	-
	Norway	4	-	-	26	-	-
Wire -							
For rope	United States	775	-	-	3,446	-	1.3
	United Kingdom	1,381	-	-	4,134	-	-
	Germany	74	-	-	153	-	-
	Belgium	7	-	-	25	-	-
	United States	222	-	-	1,099	-	-
	United States	15	-	-	76	-	-
	United Kingdom	4	-	-	13	-	-
	United States	29	-	-	29	-	-
	United States	36	-	-	210	-	.2
	United Kingdom	13	-	-	281	-	-
	Germany	15	-	-	21	-	-
	Belgium	62	-	-	152	-	-
	United States	590	8	2.9	3,434	120	17.6
	United Kingdom	43	-	.7	134	3	2.1
	Germany	-	-	-	75	-	-
	Belgium	102	-	-	257	-	-
	France	-	-	-	129	-	-
	Sweden	23	-	-	57	-	-
	Japan	16	-	-	66	-	-
	United States	25	-	-	415	-	-
	United Kingdom	169	-	-	1,291	-	-
	Germany	827	-	-	827	-	-
	Belgium	1,047	-	-	1,047	-	-
	United States	3	61	-	10	252	-
Wire rods, not over 3/8" in diameter ...							
Welding wire and welding rods	United States	-	-	-	29	-	-
	United States	7	-	-	41	-	-
	United Kingdom	175	-	-	1,303	-	-
	United States	4	-	-	16	-	-
	United Kingdom	1,123	-	-	4,114	-	-
Axles -- For railway vehicles	United States	-	-	-	29	-	-
Tires -- For railway rolling stock	United States	7	-	-	41	-	-
	United Kingdom	175	-	-	1,303	-	-
	United States	4	-	-	16	-	-
	United Kingdom	1,123	-	-	4,114	-	-

Rails - 60 lb. and under	United States	166	-	-	941	-	-
	United Kingdom	-	-	-	2	-	-
	Germany	159	-	-	208	-	-
	Belgium	30	-	-	168	-	-
	United States	466	-	-	1,635	-	-
Over 60 lb. and including 100 lb.	United Kingdom	7,224	-	-	8,278	-	-
Over 100 lb.	United States	2	-	-	40	-	-
Track material -							
Fish plates, angle bars, etc.	United States	540	-	-	866	-	-
	United Kingdom	1,083	-	-	2,067	-	-
	Germany	6	-	-	7	-	-
	Belgium	1	-	-	8	-	-
Switch points, etc.	United States	4	-	-	10	-	-
<hr/>							
Total imports	United States	154,704	5,714	664.6	460,359	21,462	2,544.8
	All other	67,516	263	385.9	158,240	855	906.0
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TOTAL		222,220	5,977	1,050.5	618,599	22,317	3,450.8



CANADA



PRIMARY IRON AND STEEL

MAY, 1956

Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-56

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 5

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	May, 1955		May, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	231,948	2,998	243,729	12,306
Foundry	5,480	15,642	14,522	15,953
Malleable	46,648	41,557	33,049	47,245
Total pig iron	284,076	60,197	291,300	75,504
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	162,929		156,734	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Five months ended May, 1955		Five months ended May, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	1,053,109	9,182	1,220,811	30,822
Foundry	67,056	52,044	56,568	59,411
Malleable	126,366	105,039	147,187	132,053
Total pig iron	1,246,531	166,265	1,424,566	222,286
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	May		Five months ended May	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
(Net tons of 2,000 pounds)				
Iron ore - Canadian	125,182	136,340	509,039	669,746
Imported	331,585	316,803	1,520,167	1,576,199
Mill cinder, scale, sinter, etc.	90,958	57,144	374,087	379,341
Limestone	95,728	83,887	417,031	438,881
Dolomite	23,810	28,767	120,121	132,719
Coke	243,205	242,162	1,091,845	1,209,583
Scrap iron and steel	12,740	18,469	48,357	76,074

Table 4 - Description of Iron Blast Furnaces at End of May, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,289,150	86.2
Banked	-	-	-
Blown out	4	525,200	13.8
Total	16	3,814,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	May, 1955		May, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	326,317	17,025	402,317	344
Electric	45,491	21	48,964	9,529
Total steel ingots	371,808	17,046	451,281	9,873
Alloy steel ingots included in above	15,981	-	22,178	154
<u>Steel castings</u>				
Open hearth - basic	2,297	2,034	2,820	2,736
Converter	3	-	50	41
Electric	4,769	3,896	7,980	7,134
Total steel castings	7,069	5,930	10,850	9,911
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	180	161	229	194
(b) High alloy, manganese and abrasion resistant	1,095	1,122	1,814	1,618
(c) All other alloys	400	274	833	655

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Five months ended May, 1955		Five months ended May, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,534,690	33,577	1,887,813	8,565
Electric	192,871	57	233,256	30,307
Total steel ingots	1,727,561	33,634	2,121,069	31,872
Alloy steel ingots included in above	82,268	15	90,032	154
<u>Steel castings</u>				
Open hearth - basic	11,694	10,575	13,950	12,416
Converter	15	7	212	183
Electric	23,026	17,369	36,029	30,287
Total steel castings	34,735	37,951	50,191	42,886
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	944	806	1,064	914
(b) High alloy, manganese and abrasion resistant	5,469	5,224	7,883	7,036
(c) All other alloys	2,211	1,423	2,437	1,613

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	May		Five months ended May	
	1955	1956	1955	1956
	(Net tons of 2,000 pounds)			
Pig iron	225,186	246,067	1,043,681	1,171,639
Scrap - Own make	100,157	124,666	488,670	565,452
Purchased	79,865	125,224	390,866	595,189

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1955</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1956</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,590 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
Total five months ...	1,424,566		2,121,069	50,191	2,171,260

- (1) First quarter
 (2) Second quarter
 (3) Third quarter
 (4) Fourth quarter

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, May, 1956.

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	10,077	5,661	4,814	
Other semi-finished shapes, not for re-rolling by makers	25,817	42	23,598	
Structural shapes and piling	21,910	20,430	-	
Plates	27,873	28,023	-	
Rails	22,327	31,982	-	
Tie plates and track material: Splice bars	1,967	2,094	-	
Tie plates	9,379	9,918	1,391	
Spikes	1,755	1,525	-	
Concrete reinforcing bars	21,731	28,642	-	
Hot rolled bars for cold finishing	112	-	145	
Other hot rolled bars	62,833	46,770	13,554	
Pipes and tubes	37,732	38,621	-	
Wire rods	37,596	41,781	87	
Hot rolled black sheets	97,158	21,054	75,323	
Cold reduced black sheets	36,054	24,626	9,609	
Cold reduced strip	4,097	3,822	113	
Galvanized sheets	18,843	18,120	124	
Steel castings	7,990	7,543	22	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	85,473	30,111	55,644	
Total carbon steel	530,724	360,765	184,424	
<u>Alloy steel</u>				
Billets, etc., for forging	720	681	26	
Other semi-finished shapes, not for re-rolling by makers	132	-	132	
Plates	782	637	-	
Other hot rolled bars	7,288	7,477	14	
Wire rods	202	228	-	
Steel castings	2,859	2,390	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,990	2,830	142	
Total alloy steel	14,973	14,243	314	

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, five months ended May, 1956.

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)		For sale	Producers' interchange
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	44,658		19,470	22,716
Other semi-finished shapes, not for re-rolling by makers	106,714		3,389	99,010
Structural shapes and piling	93,474		92,955	6
Plates	129,611		127,658	-
Rails	139,917		154,374	-
Tie plates and track material: Splice bars	9,345		9,621	-
Tie plates	37,790		35,443	1,391
Spikes	8,597		7,953	-
Concrete reinforcing bars	111,745		108,240	-
Hot rolled bars for cold finishing	4,985		-	5,072
Other hot rolled bars	275,559		212,187	53,729
Pipes and tubes	158,127		162,207	-
Wire rods	176,259		177,037	623
Hot rolled black sheets	501,175		106,942	391,078
Cold reduced black sheets	179,307		130,219	45,896
Cold reduced strip	20,263		17,865	831
Galvanized sheets	90,837		87,403	924
Steel castings	37,657		37,706	87
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	448,346		193,120	257,013
Total carbon steel	2,574,366		1,683,789	878,376
<u>Alloy steel</u>				
Billets, etc., for forging	2,643		2,490	162
Other semi-finished shapes, not for re-rolling by makers	750		-	750
Plates	3,860		3,637	-
Other hot rolled bars	32,366		32,518	125
Wire rods	582		596	-
Steel castings	11,324		9,703	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	13,157		12,686	289
Total alloy steel	64,682		61,630	1,326

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	May, 1956		Five months ended May, 1956.	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	17,237	6,165	73,081	24,609
Agricultural, including farm machinery	7,100	266	38,332	1,012
Building construction	59,061	100	258,376	792
Containers industry	20,096	6	156,141	76
Machinery and tools	23,447	1,596	96,969	6,204
Merchant trade products	52,706	453	228,413	2,079
Mining, lumbering, etc.	24,560	1,661	84,199	7,959
National defence	315	183	4,754	929
Pressing, forming and stamping	30,815	263	150,093	1,950
Public works and utilities	5,107	49	26,105	329
Railway operating	34,268	193	178,102	2,028
Railway cars and locomotives	21,143	1,138	89,914	3,544
Shipbuilding	990	36	6,641	191
Miscellaneous and unclassified	1,305	120	7,495	896
Wholesalers and warehouses	46,562	728	225,345	3,177
Direct export (a) to British Empire ..	1,200	716	6,001	2,697
(b) to other countries .	14,853	570	54,228	3,158
Total shipped for sale	360,765	14,243	1,683,789	61,630
Producers' interchange	184,424	314	878,376	1,326

Table 13 - Exports of Primary Iron and Steel

	May, 1956	Five months ended May, 1956
	(Tons of 2,000 pounds)	
Pig iron	40,758	57,231
Ingots, blooms and billets	894	10,651
Bars	1,268	5,109
Rods	27	837*
Plates, sheets and strips	2,650	19,244
Rails	267	31,187
Structural shapes	2,033	3,730
Pipe and tubing - Wrought iron	72	1,238
Cast iron	12	38*
Galvanized	288	510*
Other	58	569*
Castings, iron and steel	1,012	11,262
Forgings	338	1,403*
Total	49,677	143,009

* Revised

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, May, 1956, and Year to Date

Commodity	Country of origin	May, 1956				Year to date			
		(Tons of 2,000 pounds)		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		Carbon	Alloy						
Pig iron -									
Silver	United States	213	-	-	-	-	697	-	-
Foundry	United States	373	-	-	-	-	499	-	-
	Australia	-	-	-	-	-	1,125	-	-
	United States	337	-	-	277	-	721	-	-
Ingots	United States	329	58	98.6	93	180.6	1,797	93	180.6
Billets, blooms, slabs and sheet bars	United Kingdom	-	6	-	9	-	-	9	-
Tube rounds and tube billets	United States	-	-	-	-	-	212	-	-
Bars and sections -									
Hot rolled, n.o.p.	United States	5,125	583	3.9	2,345	190.3	26,782	2,345	190.3
	United Kingdom	722	45	6.1	241	22.3	2,035	241	22.3
	Germany	-	-	-	-	-	2	-	-
	Belgium	2,883	-	-	-	-	5,770	-	-
	France	2,462	-	-	-	-	3,218	-	-
	Japan	-	-	-	-	-	46	-	-
	Sweden	7	-	-	8	-	7	-	-
Hot rolled -									
For agricultural implements	United States	868	98	-	194	-	5,242	194	-
Rounds over 4 7/8", squares over 4"	United States	308	4	-	28	-	1,445	28	-
	United Kingdom	156	-	-	20	-	316	20	-
Concrete reinforcing bars	United States	3,540	-	-	-	-	11,174	-	-
	United Kingdom	-	-	-	-	-	78	-	-
	Germany	132	-	-	-	-	154	-	-
	Belgium	5,457	-	-	-	-	9,482	-	-
	France	4,315	-	-	-	-	5,730	-	-
	Japan	-	-	-	-	-	1,760	-	-
Angles, channels, etc.	United States	2,276	-	6.9	-	100.5	12,179	-	100.5
	United Kingdom	801	-	1.3	-	6.5	2,093	-	6.5
	Germany	157	-	-	-	-	333	-	-
	Belgium	2,602	-	-	-	-	6,852	-	-
	France	1,296	-	-	-	-	1,870	-	-
	Japan	-	-	-	-	-	40	-	-
	Sweden	-	-	-	-	-	17	-	-
Structurals (bar sizes) for									
agricultural implements	United States	192	-	-	-	-	972	-	-
Sash or casement sections	United States	377	-	-	-	-	1,577	-	-
	United Kingdom	30	-	-	-	-	254	-	-
	Belgium	28	-	-	-	-	117	-	-

Table 14 - Imports of Primary Forms of Iron and Steel, May, 1956, and Year to Date (Continued)

Commodity	Country of origin	May, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Cold finished, n.o.p.	United States	948	263	3.9	4,168	1,664	34.0
	United Kingdom	314	-	7.7	966	-	62.9
	Belgium	12	-	-	127	-	-
Cold finished, for agricultural implements	United States	158	-	-	1,789	-	-
Tool steel	United States	327	170	-	698	464	-
	United Kingdom	56	35	-	142	389	-
	Germany	-	1	-	-	1	-
	Austria	-	23	-	-	33	-
	Sweden	-	12	-	-	32	-
Structurals -							
W.F. beams, 8" and over	United States	17,002	-	-	75,726	-	-
	United Kingdom	16	-	-	26	-	-
	Belgium	2,187	-	-	4,534	-	-
	France	65	-	-	328	-	-
W.F. beams, under 8"	United States	1,069	-	-	4,070	-	-
Sheet piling	United States	-	-	-	742	-	-
	United Kingdom	2,756	-	-	3,258	-	-
	Germany	141	-	-	141	-	-
	France	333	-	-	726	-	-
All other	United States	15,485	-	-	65,209	-	-
	United Kingdom	43	-	-	1,093	-	-
	Germany	193	-	-	850	-	-
	Belgium	6,523	-	-	15,674	-	-
	France	1,374	-	-	3,534	-	-
	Sweden	-	-	-	177	-	-
	Norway	389	-	-	1,180	-	-
Plates -							
78" and under in width	United States	8,067	51	69.4	32,973	127	344.4
	United Kingdom	1,977	-	18.2	8,341	-	64.8
	Germany	1,506	-	-	4,900	-	-
	Belgium	3,101	-	-	6,359	-	-
	France	611	-	-	1,470	-	-
	Japan	1,997	-	-	5,345	-	-
	Chile	1,041	-	-	3,437	-	-
Over 78" and under 100" in width	United States	4,147	-	16.8	20,641	23	170.3
	United Kingdom	922	-	-	7,068	-	-
	Germany	-	-	-	38	-	-
	Belgium	559	-	-	559	-	-
	Japan	120	-	-	709	-	-

100" in width and over	United States	614	-	75.6	5,661	-	76.9
	United Kingdom	189	-	-	408	-	-
Flanged, dished or curved	United States	263	-	.6	1,320	-	.6
Boiler, pulp-mill digesters	United States	646	-	-	2,505	-	-
	United Kingdom	-	-	-	34	-	-
Chequered or surface pattern	United States	1,998	-	-	7,687	-	-
	United Kingdom	20	-	-	294	-	-

Sheets -			2,013	-	-	11,078	-
Silicon .075 or more	United States	-	-	-	-	3	-
	United Kingdom	-	-	-	-	-	-
Galvanized	United States	1,653	-	-	8,723	-	-
	United Kingdom	151	-	-	383	-	-
	Japan	-	-	-	28	-	-
Corrugated	United States	780	-	-	4,224	-	-
For tubes	United States	154	-	-	538	-	-
Hot rolled -							
18 gauge and heavier	United States	10,269	5	2.1	43,397	55	6.9
	United Kingdom	172	-	17.4	1,552	-	82.8
	Germany	-	-	1.4	-	-	1.4
	Belgium	-	-	-	69	-	-
	Sweden	-	-	5.1	-	-	129.4
Lighter than 18 gauge	United States	-	-	-	1	8	-
	United Kingdom	-	-	-	84	-	-
Cold rolled -							
18 gauge and heavier	United States	1,585	21	70.0	7,782	27	437.7
	United Kingdom	676	-	75.7	1,591	-	456.3
	France	-	-	-	55	-	-
Lighter than 18 gauge	United States	2,427	-	99.1	12,603	7	566.0
	United Kingdom	1,358	-	27.0	4,948	-	158.0
For motor vehicles	United States	1,123	-	-	9,681	-	-
For hollow-ware (vitreous enamel)	United States	1,321	-	-	8,585	-	-
	United Kingdom	357	-	-	2,606	-	-
Coated with paint, tar, asphaltum, etc.	United States	145	-	-	763	-	-
For heating apparatus, blue polished .	United States	4	-	-	11	-	-
For saws	United States	-	133	-	-	545	-
	United Kingdom	-	2	-	-	20	-
	Sweden	-	-	-	-	1	-
Wasters and rejects	United States	1,389	-	-	14,802	-	-
Tin mill black plate	United States	-	-	-	14	-	-
Tin plate - Primes	United States	743	-	-	1,040	-	-
	United Kingdom	23	-	-	121	-	-
Tin plate - Electrolytic coating	United States	183	-	-	602	-	-
Tin plate wasters and seconds	United States	-	-	-	293	-	-
Terne plate - Long	United States	749	-	-	3,448	-	-
Short	United States	145	-	-	1,071	-	-
	United Kingdom	5	-	-	5	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, May, 1956, and Year to Date (Continued)

Commodity	Country of origin	May, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip -							
Hot rolled -							
18 gauge and heavier	United States	2,238	23	-	7,114	47	-
	United Kingdom	27	-	-	27	-	-
	Belgium	302	-	-	302	-	-
	France	108	-	-	344	-	-
	Sweden	2	-	-	2	-	-
	Netherlands	3	-	-	3	-	-
	United States	170	-	-	447	22	-
Lighter than 18 gauge							
Cold rolled -							
18 gauge and heavier	United States	227	63	52.1	1,104	275	210.8
	United Kingdom	37	-	-	38	-	-
	Sweden	-	-	-	2	-	-
	United States	489	3	199.8	2,404	48	720.3
	United Kingdom	522	-	-	526	-	-
	Germany	-	-	-	1	-	-
	Sweden	-	1	1	45	41	1.9
	United States	-	-	-	68	-	-
	United States	22	63	-	26	408	-
	United Kingdom	-	11	-	14	-	-
	Germany	-	-	-	-	3	-
	Sweden	-	6	-	-	83	-
	United States	-	-	-	42	-	-
	United States	7	-	-	12	-	-
Hot rolled strip for cold rolling							
For saws	United States	129	-	-	294	-	-
	United Kingdom	-	-	-	2	-	-
	United States	190	-	-	2,814	-	-
	United States	157	-	-	448	-	-
	United Kingdom	44	-	-	208	-	-
	Japan	-	-	-	6	-	-
	United States	987	-	-	4,424	-	-
	United Kingdom	4	-	-	15	-	-
	Germany	1	-	-	41	-	-
	United States	10	-	-	256	-	-
	United States	408	-	-	2,371	-	-
	United Kingdom	52	-	-	243	-	-
	Belgium	11	-	-	16	-	-
	United States	-	807	-	-	5,069	-
Silicon .075 or more							

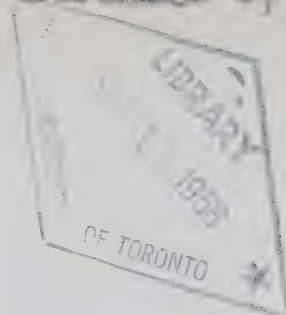
15 3/8" and under in width	United States	13,348	-	-	-	44,334	-
	Germany	2,176	-	-	-	7,708	-
	Belgium	1,103	-	-	-	1,103	-
Over 15 3/8" in width	United States	14,748	-	-	-	25,317	-
Plate for pipe	United States	163	-	-	-	331	-
Pipes and tubes -							
Spiral weld pipe	United States	254	-	-	-	809	-
Cast	United States	81	-	-	-	170	-
	United Kingdom	4,084	-	-	-	11,712	-
	Germany	13	-	-	-	27	-
Repair of pressure parts of boilers -							
Seamless, hot finished	United States	533	28	-	-	1,583	349
	United Kingdom	112	-	-	-	657	-
	Germany	-	-	-	-	68	-
	Sweden	-	-	-	-	4	-
Cold drawn	United States	39	34	-	-	294	65
	United Kingdom	24	-	-	-	135	-
	United States	113	-	-	-	604	-
Welded	United Kingdom	178	-	-	-	743	-
	Switzerland	81	-	-	-	122	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	1,055	361	30.1	-	3,962	1,059
	United Kingdom	103	-	11.7	-	400	-
	Sweden	-	33	11.3	-	87	129
Hot finished	United States	1,910	389	2.2	-	4,695	1,981
	United Kingdom	108	-	-	-	2,831	-
	Italy	-	-	-	-	10	-
Seamless, over 12" in diameter -							
Hot finished	United States	460	-	-	-	1,487	1
	United Kingdom	695	-	-	-	1,898	-
	Italy	-	-	-	-	4	-
Welded, 4" and under in diameter ...	United States	1,461	-	6.7	-	4,562	1
	United Kingdom	656	-	-	-	1,544	-
	Germany	60	-	-	-	109	-
	France	327	-	-	-	420	-
	Netherlands	-	-	-	-	10	-
Welded, over 4" in diameter	United States	41,919	-	4.8	-	75,759	-
	United Kingdom	7,637	-	-	-	20,205	-
	United States	357	-	-	-	1,470	-
Conduit	United States	5,149	-	-	-	30,130	-
Casings	United Kingdom	305	-	-	-	6,992	-
	Germany	1,482	-	-	-	2,175	-
	Belgium	593	-	-	-	727	-
	France	1,757	-	-	-	3,676	-
	Italy	209	-	-	-	2,329	-
	Japan	2,730	-	-	-	16,936	-
	Hungary	152	-	-	-	152	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, May, 1956, and Year to Date (Concluded)

Commodity	Country of origin	May, 1956		Year to date	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
Tubing -					
Not over 1/2" diameter, welded					
and coated	United States	36	-	145	-
Wire rope					
	United States	83	-	597	-
	United Kingdom	210	-	875	-
	Germany	118	-	223	-
	Belgium	-	-	55	-
	Japan	-	-	232	-
	Netherlands	19	-	227	-
	Sweden	-	-	1	-
	Norway	6	-	32	-
Wire -					
For rope					
	United States	812	-	4,258	1.3
	United Kingdom	1,253	-	5,387	-
	Germany	110	-	263	-
	Belgium	-	-	25	-
	United States	164	-	1,263	-
	United States	14	-	90	-
	United Kingdom	-	-	13	-
	United States	115	-	144	-
	United States	44	-	254	-
	United Kingdom	107	-	388	.2
	Germany	-	-	21	-
	Belgium	7	-	159	-
	United States	523	21	3,957	141
	United Kingdom	51	-	185	3
	Germany	83	-	158	-
	Belgium	-	-	257	-
	France	-	-	129	-
	Sweden	10	-	67	-
	Japan	18	-	84	-
	Netherlands	50	-	50	-
	United States	114	-	529	-
	United Kingdom	114	-	1,405	-
	Germany	1,849	-	2,676	-
	Belgium	554	-	1,601	-
	United States	2	72	12	324
Wire rods, not over 3/8" in diameter ...					
Welding wire and welding rods					

Axles -- For railway vehicles	United States	11	-	-	40	-	-
Tires -- For railway rolling stock	United States United Kingdom	17 485	-	-	58 1,788	-	-
Wheels - For railway rolling stock	United States United Kingdom	- 998	-	-	16 5,112	-	-
Rails -							
60 lb. and under	United States United Kingdom Germany Belgium	76 - 99 72	-	-	1,017 2 307 240	-	-
Over 60 lb. and including 100 lb.	United States United Kingdom	150 1,682	-	-	1,785 9,960	-	-
Over 100 lb.	United States	-	-	-	40	-	-
Track material -							
Fish plates, angle bars, etc.	United States United Kingdom Germany Belgium	181 372 5 4	-	-	1,047 2,439 12 12	-	-
Switch points, etc.	United States	72	-	-	82	-	-
Total imports	United States All other	176,370 84,209	5,263 175	745.0 183.0	636,729 242,449	26,725 1,030	3289.8 1089.0
TOTAL		260,579	5,438	928.0	879,178	27,725	4378.8



PRIMARY IRON AND STEEL

JUNE, 1956

Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-66

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 6

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	June, 1955		June, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	216,683	2,006	265,995	19,875
Foundry	10,005	13,726	5,477	9,632
Malleable	48,361	44,449	31,646	40,781
Total pig iron	275,049	60,181	303,118	70,288
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	155,967		148,304	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Six months ended June, 1955		Six months ended June, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	1,269,792	11,188	1,486,806	50,697
Foundry	77,061	65,770	62,045	69,043
Malleable	174,727	149,488	178,833	172,834
Total pig iron	1,521,580	226,446	1,727,684	292,574
<u>Ferro-alloys</u>	58,734	76,815	121,315	121,917

★ Includes amounts for sale and for own use.

Table 3 - Iron Blast Furnace Charges

	June		Six months ended June	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	119,330	143,774	628,369	813,520
Imported	330,038	331,937	1,850,205	1,908,136
Mill cinder, scale, sinter, etc	98,755	69,422	472,842	366,993*
Limestone	91,212	90,132	508,243	529,013
Dolomite	25,999	24,542	146,120	157,261
Coke	237,202	258,067	1,329,047	1,467,650
Scrap iron and steel	13,719	17,381	62,076	93,455

* Revised.

Table 4 - Description of Iron Blast Furnaces at End of June, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,510,650	92.0
Banked	-	-	-
Blown out	3	303,700	8.0
Total	16	3,814,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	June, 1955		June, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	337,498	377	387,388	357
Electric	43,869	45	47,989	8,708
Total steel ingots	381,367	422	435,377	9,065
Alloy steel ingots included in above	19,459	-	19,736	15
<u>Steel castings</u>				
Open hearth - basic	2,755	2,433	2,609	2,351
Converter	13	-	48	41
Electric	5,133	4,429	7,554	6,291
Total steel castings	7,901	6,862	10,211	8,683
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	203	164	213	176
(b) High alloy, manganese and abrasion resistant	1,194	1,220	1,712	1,673
(c) All other alloys	285	261	457	323

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Six months ended June, 1955		Six months ended June, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,872,188	33,954	2,275,201	1,922
Electric	236,740	102	281,245	39,015
Total steel ingots	2,108,928	34,056	2,556,446	40,937
Alloy steel ingots included in above	101,727	15	109,768	169
<u>Steel castings</u>				
Open hearth - basic	14,449	13,008	16,559	14,767
Converter	28	7	260	224
Electric	28,159	21,798	43,583	36,578
Total steel castings	42,636	34,813	60,402	51,569
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,147	970	1,277	1,090
(b) High alloy, manganese and abrasion resistant	6,663	6,444	9,595	8,709
(c) All other alloys	2,496	1,684	2,894	1,936

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	June		Six months ended June	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	221,958	246,296	1,265,639	1,417,935
Scrap - Own make	93,314	112,682	581,984	678,134
Purchased	101,457	121,695	492,323	716,884

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
1 9 5 5					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
1 9 5 6					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,590 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	62,725 (2)	435,377	10,211	445,588
Total - six months	1,727,684	121,315	2,556,446	60,402	2,616,848

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, June, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	12,079	5,026	4,640
Other semi-finished shapes, not for re-rolling by makers	23,986	69	23,515
Structural shapes and piling	14,018	17,976	-
Plates	27,794	27,048	-
Rails	26,982	28,437	-
Tie plates and track material: Splice bars	2,071	1,968	-
Tie plates	9,415	6,542	1,251
Spikes	1,573	1,668	-
Concrete reinforcing bars	33,458	28,107	-
Hot rolled bars for cold finishing	237	-	141
Other hot rolled bars	57,074	37,161	15,221
Pipes and tubes	35,492	40,479	-
Wire rods	37,676	33,977	715
Hot rolled black sheets	95,173	20,414	73,943
Cold reduced black sheets	33,232	23,294	8,989
Cold reduced strip	3,531	3,083	40
Galvanized sheets	19,772	19,372	172
Steel castings	7,633	6,517	8
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	78,828	38,214	38,512
Total carbon steel	520,024	339,352	167,147
<u>Alloy steel</u>			
Billets, etc., for forging	564	564	-
Other semi-finished shapes, not for re-rolling by makers	177	-	177
Plates	648	706	-
Other hot rolled bars	6,237	5,919	-
Wire rods	166	132	-
Steel castings	2,578	2,174	11
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	3,466	3,471	-
Total alloy steel	13,836	12,966	188

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Six Months Ended June, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	56,737	24,496	27,356
Other semi-finished shapes, not for re-rolling by makers	130,700	3,458	122,525
Structural shapes and piling	107,492	110,931	6
Plates	157,405	154,706	-
Rails	166,899	182,811	-
Tie plates and track material: Splice bars	11,416	11,589	-
Tie plates	47,205	41,985	2,642
Spikes	10,170	9,621	-
Concrete reinforcing bars	145,203	136,347	-
Hot rolled bars for cold finishing	5,222	-	5,213
Other hot rolled bars	332,633	249,348	68,950
Pipes and tubes	193,619	202,686	-
Wire rods	213,935	211,014	1,338
Hot rolled black sheets	596,348	127,356	465,021
Cold reduced black sheets	212,539	153,513	54,885
Cold reduced strip	23,794	20,948	871
Galvanized sheets	110,609	106,775	1,096
Steel castings	45,290	44,223	95
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	527,174	231,334	295,525
Total carbon steel	3,094,390	2,023,141	1,045,523
<u>Alloy steel</u>			
Billets, etc., for forging	3,207	3,054	162
Other semi-finished shapes, not for re-rolling by makers	927	-	927
Plates	4,508	4,343	-
Other hot rolled bars	38,603	38,437	125
Wire rods	748	728	-
Steel castings	13,902	11,877	11
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	16,623	16,157	289
Total alloy steel	78,518	74,596	1,514

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	June, 1956		Six months ended June, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	10,811	4,636	83,892	29,245
Agricultural, including farm machinery	3,524	311	41,856	1,323
Building construction	57,003	67	315,379	859
Containers industry	30,024	12	186,165	88
Machinery and tools	18,520	1,703	115,089	7,907
Merchant trade products	43,104	494	271,517	2,573
Mining, lumbering, etc.	17,723	1,657	101,922	9,616
National defence	1,136	139	5,890	1,068
Pressing, forming and stamping	27,317	455	177,410	2,405
Public works and utilities	11,217	42	37,322	371
Railway operating	42,613	244	220,715	2,272
Railway cars and locomotives	18,771	801	108,685	4,345
Shipbuilding	1,473	40	8,114	231
Miscellaneous and unclassified	1,069	141	8,504	1,037
Wholesalers and warehouses	50,003	752	275,348	3,929
Direct export (a) to British Empire ..	1,783	690	7,784	3,387
(b) to other countries .	3,261	782	57,489	3,940
Total shipped for sale	339,352	12,966	2,023,141	74,596
Producers' interchange	167,147	188	1,045,523	1,514

Table 13 - Exports of Primary Iron and Steel

	June, 1956	Six months ended June, 1956
	(Tons of 2,000 pounds)	
Pig iron	30,291	87,522
Ingots, blooms and billets	4,730	15,381
Bars	2,103	7,212
Rods	-	837
Plates, sheets and strips	2,663	21,907
Rails	7,481	38,668
Structural shapes	514	4,244
Pipe and tubing - Wrought iron	146	1,384
Cast iron	28	66
Galvanized	-	510
Other	11	580
Castings, iron and steel	663	11,925
Forgings	324	1,727
Total	48,954	191,963

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1956, and Year to Date

Commodity	Country of origin	June, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	174	-	-	871	-	-
Foundry	United States	3,525	-	-	4,024	-	-
	United Kingdom	112	-	-	112	-	-
	Australia	168	-	-	1,293	-	-
Ingots	United States	163	7	6.1	884	284	6.1
Billets, blooms, slabs and sheet bars ..	United States	54	10	17.9	1,851	103	198.5
	United Kingdom	-	-	-	-	9	-
	United States	5	-	-	217	-	-
Tube rounds and tube billets							
Bars and sections -							
Hot rolled, n.o.p.	United States	6,212	351	7.1	32,994	2,696	197.4
	United Kingdom	742	34	-	2,777	275	22.3
	Germany	-	-	-	2	-	-
	Belgium	2,219	-	-	7,989	-	-
	France	295	-	-	3,513	-	-
	Japan	75	-	-	121	-	-
	Sweden	-	10	-	7	18	-
Hot rolled -							
For agricultural implements	United States	307	17	-	5,549	211	-
Rounds over 4 7/8", squares over 4".	United States	334	5	-	1,779	33	-
	United Kingdom	40	-	-	356	20	-
	Belgium	12	-	-	12	-	-
Concrete reinforcing bars	United States	1,942	-	-	13,116	-	-
	United Kingdom	22	-	-	100	-	-
	Germany	65	-	-	219	-	-
	Belgium	5,249	-	-	14,731	-	-
	France	4,094	-	-	9,824	-	-
	Japan	1,558	-	-	3,318	-	-
Angles, channels, etc.	United States	1,053	-	14.5	13,232	-	115.0
	United Kingdom	666	-	1.2	2,759	-	7.7
	Germany	22	-	-	355	-	-
	Belgium	2,735	-	-	9,587	-	-
	France	979	-	-	2,849	-	-
	Japan	4	-	-	44	-	-
	Norway	22	-	-	22	-	-
	Sweden	-	-	-	17	-	-
Structurals (bar sizes) for agricultural implements	United States	62	-	-	1,034	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1956, and Year to Date (Continued)

Commodity	Country of origin	June, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Hot rolled (concluded) -							
Sash or casement sections	United States	190	-	-	1,767	-	-
	United Kingdom	92	-	-	346	-	-
	Belgium	-	-	-	117	-	-
Cold finished, n.o.p.	United States	800	179	3.9	4,968	1,843	37.9
	United Kingdom	121	-	12.3	1,087	-	75.2
	Belgium	-	-	-	127	-	-
Cold finished, for agricultural implements	United States	112	1	-	1,901	1	-
Tool steel	United States	195	169	-	893	533	-
	United Kingdom	44	77	-	186	466	-
	Germany	-	1	-	-	2	-
	Austria	-	13	-	-	46	-
	Sweden	-	2	-	-	34	-
Structurals -							
W.F. beams, 8" and over	United States	19,475	-	-	95,201	-	-
	United Kingdom	-	-	-	26	-	-
	Germany	214	-	-	214	-	-
	Belgium	964	-	-	5,498	-	-
	France	178	-	-	506	-	-
W.F. beams, under 8"	United States	411	-	-	4,481	-	-
Sheet piling	United States	36	-	-	778	-	-
	United Kingdom	10	-	-	3,268	-	-
	Germany	387	-	-	528	-	-
	France	1,227	-	-	1,953	-	-
All other	United States	9,218	-	-	74,427	-	-
	United Kingdom	308	-	-	1,401	-	-
	Germany	191	-	-	1,041	-	-
	Belgium	9,697	-	-	25,371	-	-
	France	1,400	-	-	4,934	-	-
	Sweden	-	-	-	177	-	-
	Norway	2,077	-	-	3,257	-	-
Plates -							
78" and under in width	United States	6,739	10	116.5	39,712	137	460.9
	United Kingdom	2,361	-	17.6	10,702	-	82.4
	Germany	1,384	-	-	6,284	-	-
	Belgium	1,547	-	-	7,906	-	-
	France	466	-	-	1,936	-	-
	Japan	1,130	-	-	5,475	-	-
	Chile	1,066	-	-	4,503	-	-

Over 78" and under 100" in width	United States United Kingdom Germany Belgium France Japan United States United Kingdom France United States United States United Kingdom United States United Kingdom	3,106 2,385 689 - 44 - 603 18 4 235 532 - 1,097 23	2	16.7	23,747 9,453 727 559 44 709 6,264 426 4 1,555 3,037 34 8,784 317	25	187.0
100" in width and over	United States United Kingdom France United States United States United Kingdom United States United Kingdom	603 18 4 235 532 - 1,097 23	27	75.7	6,264 426 4 1,555 3,037 34 8,784 317	27	152.6
Flanged, dished or curved	United States	235	-	7.8	1,555	-	8.4
Boiler, pulp-mill digesters	United States	532	-	-	3,037	-	-
Chequered or surface pattern	United Kingdom	-	-	-	34	-	-
	United States	1,097	-	-	8,784	-	-
	United Kingdom	23	-	-	317	-	-
Sheets -							
Silicon .075 or more	United States	-	1,831	-	-	12,909	-
	United Kingdom	-	-	-	-	3	-
Galvanized	United States	1,736	-	-	10,459	-	-
	United Kingdom	232	-	-	615	-	-
	Japan	-	-	-	28	-	-
Corrugated	United States	952	-	-	5,176	-	-
For tubes	United States	843	-	-	1,381	-	-
Hot rolled -							
18 gauge and heavier	United States	9,525	44	5.9	52,922	99	12.8
	United Kingdom	548	-	6.2	2,100	-	89.0
	Germany	-	-	2.6	-	-	4.0
	Belgium	-	-	-	69	-	-
	Sweden	-	-	39.3	-	-	168.7
Lighter than 18 gauge	United States	32	-	1.3	33	8	1.3
	United Kingdom	51	-	-	135	-	-
Cold rolled -							
18 gauge and heavier	United States	2,648	-	73.0	10,430	27	510.7
	United Kingdom	273	-	104.7	1,864	-	561.0
	France	-	-	-	55	-	-
Lighter than 18 gauge	United States	2,798	1	104.9	15,401	8	670.9
	United Kingdom	1,597	-	25.4	6,545	-	183.4
For motor vehicles	United States	1,583	-	-	11,264	-	-
For hollow-ware (vitreous enamel) , . . .	United States	1,321	-	-	9,906	-	-
	United Kingdom	982	-	-	3,588	-	-
Coated with paint, tar, asphaltum, etc.	United States	216	-	-	979	-	-
For heating apparatus, blue polished .	United States	-	-	-	11	-	-
For saws	United States	4	89	-	4	634	-
	United Kingdom	-	13	-	-	33	-
	Sweden	-	-	-	-	1	-
Wasters and rejects	United States	1,380	-	-	16,182	-	-
Tin mill black plate	United States	30	-	-	44	-	-
Tin plate - Primes	United States	41	-	-	1,081	-	-
	United Kingdom	12	-	-	133	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1956, and Year to Date (Continued)

Commodity	Country of origin	June, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded) -							
Tin plate - Electrolytic coating	United States	25	-	-	627	-	-
Tin plate wasters and seconds	United States	-	-	-	293	-	-
Terne plate - Long	United States	289	-	-	3,737	-	-
Short	United States	91	-	-	1,162	-	-
	United Kingdom	-	-	-	5	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	1,041			8,155	47	-
	United Kingdom	9	-	-	36	-	-
	Belgium	308	-	-	610	-	-
	France	37	-	-	381	-	-
	Sweden	-	-	-	2	-	-
	Netherlands	-	-	-	3	-	-
	United States	68	-	-	515	22	-
Lighter than 18 gauge							
Cold rolled -							
18 gauge and heavier	United States	192	10	56.4	1,296	285	267.2
	United Kingdom	-	-	-	38	-	-
	Sweden	6	-	-	8	-	-
Lighter than 18 gauge	United States	307	1	6.5	2,774	49	785.3
	United Kingdom	5	-	-	531	-	-
	Germany	-	-	-	1	-	-
	Sweden	16	34	.1	61	75	2.0
	Netherlands	3	-	-	3	-	-
Hot rolled strip for cold rolling	United States	-	-	-	68	-	-
For saws	United States	56	105	-	82	513	-
	United Kingdom	-	3	-	-	17	-
	Germany	-	-	-	-	3	-
	Sweden	-	7	-	-	90	-
For tubes	United States	-	-	-	42	-	-
For tubular products	United States	-	-	-	12	-	-
For shoe and corset laces, buckles, etc.	United States	17	-	-	311	-	-
	United Kingdom	-	-	-	2	-	-
For motor vehicles	United States	822	-	-	3,636	-	-
For hoops	United States	24	-	-	472	-	-
	United Kingdom	43	-	-	251	-	-
	Japan	3	-	-	9	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, June, 1956, and Year to Date (Concluded)

Commodity	Country of origin	June, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Pipes and tubes (concluded) -							
Seamless, over 12" in diameter (concl'd) -							
Welded, 4" and under in diameter ...	Unites States	459	-	8.6	1	5,021	37.8
	United Kingdom	1,126	-	-	-	2,670	3.0
	Germany	34	-	-	-	143	-
	France	18	-	-	-	438	-
	Netherlands	-	-	-	-	10	-
Welded, over 4" in diameter	United States	30,730	-	3.4	-	106,489	39.0
	United Kingdom	4,758	-	-	-	24,963	-
Conduit	United States	275	-	-	-	1,745	-
Casings	United States	7,513	-	-	-	37,643	-
	United Kingdom	827	-	-	-	7,819	-
	Germany	891	-	-	-	3,066	-
	Belgium	-	-	-	-	727	-
	France	398	-	-	-	4,074	-
	Italy	1,714	-	-	-	4,043	-
	Japan	4,911	-	-	-	21,847	-
	Hungary	-	-	-	-	152	-
	Czechoslovakia	352	-	-	-	352	-
Tubing -							
Not over 1/2" diameter, welded	United States	15	-	-	-	160	-
and coated							
Wire rope	United States	127	-	-	-	724	.7
	United Kingdom	118	-	-	-	993	-
	Germany	73	-	-	-	296	-
	Belgium	43	-	-	-	98	-
	Japan	-	-	-	-	232	-
	Italy	2	-	-	-	2	-
	Netherlands	22	-	-	-	249	-
	Sweden	-	-	-	-	1	-
	Norway	5	-	-	-	37	-
	Denmark	5	-	-	-	5	-
Wire -							
For rope	United States	639	-	.2	-	4,897	1.5
	United Kingdom	1,454	-	-	-	6,841	-
	Germany	162	-	-	-	425	-
	Belgium	-	-	-	-	25	-
	United States	298	-	-	-	1,561	-
	Germany	1	-	-	-	1	-
For springs, cushions, mattresses, etc.							

For corset clasps, dress stays, etc. .	1	-	-	91	-
United States	-	-	-	13	-
United Kingdom	-	-	-	45	-
For fencing (galvanized)	1	-	-	397	.3
Coated or covered	143	-	.1	421	-
United States	33	-	-	22	-
United Kingdom	1	-	-	216	-
Germany	57	-	-	4,456	22.9
Belgium	499	23	2.9	243	2.5
United States	58	-	.4	213	-
United Kingdom	55	-	-	265	-
Germany	8	-	-	129	-
Belgium	-	-	-	67	-
France	-	-	-	115	-
Sweden	-	-	-	150	-
Japan	31	-	-	641	-
Netherlands	100	-	-	1,745	-
United States	112	-	-	2,725	-
United Kingdom	340	-	-	2,864	-
United States	49	-	-	13	-
Germany	1,263	-	-	400	-
Belgium	1	76	-	-	-
United States	-	-	-	-	-
Welding wire and welding rods	1	-	-	-	-
Axles -- For railway vehicles	65	-	-	105	-
Tires -- For railway rolling stock	22	-	-	80	-
United States	234	-	-	2,022	-
United Kingdom	14	-	-	30	-
United States	1,295	-	-	6,407	-
United Kingdom	-	-	-	-	-
Rails -	-	-	-	-	-
60 lb. and under	156	-	-	1,173	-
United States	3	-	-	5	-
United Kingdom	427	-	-	734	-
Germany	110	-	-	350	-
Belgium	56	-	-	1,841	-
United States	2,884	-	-	12,844	-
United Kingdom	-	-	-	40	-
United States	-	-	-	-	-
Over 60 lb. and including 100 lb.	-	-	-	-	-
Over 100 lb.	-	-	-	-	-
Track material -	-	-	-	-	-
Fish plates, angle bars, etc.	64	-	-	1,111	-
United States	1,418	-	-	3,857	-
United Kingdom	97	-	-	109	-
Germany	5	-	-	17	-
Belgium	1	-	-	83	-
United States	-	-	-	-	-
Switch points, etc.	-	-	-	-	-
Total imports	142,175	4,414	613.0	778,904	3902.8
United States	81,955	326	246.4	324,404	1335.4
All other	-	-	-	-	-
TOTAL	224,130	4,740	859.4	1,103,308	5238.2



PRIMARY IRON AND STEEL

JULY, 1956

Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-76

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 7

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	July, 1955		July, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	208,287	453	246,445	18,477
Foundry	9,442	9,732	11,717	10,712
Malleable	49,066	40,257	49,480	38,362
Total pig iron	266,795	50,442	307,642	67,551
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	165,389		140,922	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Seven months ended July, 1955		Seven months ended July, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	1,478,079	11,641	1,733,251	69,174
Foundry	86,503	75,502	73,762	79,755
Malleable	223,793	189,745	228,313	211,196
Total pig iron	1,788,375	276,888	2,035,326	360,125
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	July		Seven months ended July	
	1955	1956	1955	1956
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	116,902	170,163	745,271	983,683
Imported	310,210	319,698	2,160,415	2,227,834
Mill cinder, scale, sinter, etc.	83,616	74,307	556,458	441,300
Limestone	87,765	94,246	596,008	623,259
Dolomite	19,703	23,405	165,823	180,666
Coke	233,649	264,678	1,562,696	1,732,328
Scrap iron and steel	11,312	16,348	73,388	109,803

Table 4 - Description of Iron Blast Furnaces at End of July, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cen
In blast	13	3,510,650	92.0
Banked	-	-	-
Blown out	3	303,700	8.0
Total	16	3,814,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	July, 1955		July, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	315,546	6,796	389,104	402
Electric	39,644	-	43,336	-
Total steel ingots	355,190	6,796	432,440	402
Alloy steel ingots included in above	12,634	-	18,436	-
<u>Steel castings</u>				
Open hearth - basic	1,410	1,224	2,757	2,332
Converter	24	26	-	7
Electric	4,141	3,490	6,366	5,794
Total steel castings	5,575	4,740	9,123	8,133
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	180	149	225	194
(b) High alloy, manganese and abrasion resistant	883	1,001	1,465	1,452
(c) All other alloys	342	319	485	186

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Seven months ended July, 1955		Seven months ended July, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,187,734	40,750	2,664,305	2,324
Electric	276,384	102	324,581	209**
Total steel ingots	2,464,118	40,852	2,988,886	2,533**
Alloy steel ingots included in above	114,361	15	128,204	169
<u>Steel castings</u>				
Open hearth - basic	15,859	14,232	19,316	17,099
Converter	52	33	260	231
Electric	32,300	25,288	49,949	42,372
Total steel castings	48,211	39,553	69,525	59,702
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,327	1,119	1,502	1,284
(b) High alloy, manganese and abrasion resistant	7,546	7,445	11,060	10,161
(c) All other alloys	2,838	2,003	3,379	2,122

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

** Revised.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	July		Seven months ended July	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	205,380	250,899	1,471,019	1,668,834
Scrap - Own make	101,844	107,909	683,828	786,043
Purchased	82,293	115,309	574,616	832,193

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,590 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	62,725 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
Total - seven months.	2,035,326		2,988,886	69,525	3,058,411

- (1) First quarter.
 (2) Second quarter.
 (3) Third quarter.
 (4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, July, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	9,630	6,189	6,041
Other semi-finished shapes, not for re-rolling by makers	33,250	35	24,284
Structural shapes and piling	20,330	19,040	-
Plates	29,398	26,510	-
Rails	29,326	32,147	-
Tie plates and track material: Splice bars	1,709	1,864	-
Tie plates	9,654	9,870	1,160
Spikes	2,199	1,813	-
Concrete reinforcing bars	24,790	28,252	-
Hot rolled bars for cold finishing	46	-	104
Other hot rolled bars	40,006	33,414	10,587
Pipes and tubes	34,999	45,285	-
Wire rods	24,134	25,975	119
Hot rolled black sheets	100,484	24,187	76,214
Cold reduced black sheets	35,081	24,677	9,548
Cold reduced strip	2,939	2,761	77
Galvanized sheets	20,172	19,084	58
Steel castings	6,865	6,137	19
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	82,030	41,101	46,839
Total carbon steel	507,042	348,341	175,050
<u>Alloy steel</u>			
Billets, etc., for forging	644	656	-
Other semi-finished shapes, not for re-rolling by makers	183	-	183
Plates	557	559	-
Other hot rolled bars	5,751	5,613	-
Wire rods	208	246	-
Steel castings	1,786	1,616	33
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,381	2,332	160
Total alloy steel	11,510	11,022	376

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Seven Months Ended July, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	66,367	30,685	33,397
Other semi-finished shapes, not for re-rolling by makers	163,950	3,493	146,809
Structural shapes and piling	127,822	129,971	6
Plates	186,803	181,216	-
Rails	196,225	214,958	-
Tie plates and track material: Splice bars	13,125	13,453	-
Tie plates	56,859	51,855	3,802
Spikes	12,369	11,434	-
Concrete reinforcing bars	169,993	104,599	-
Hot rolled bars for cold finishing	5,268	-	5,317
Other hot rolled bars	372,639	282,762	79,537
Pipes and tubes	228,618	247,971	-
Wire rods	238,069	236,989	1,457
Hot rolled black sheets	696,832	151,543	541,235
Cold reduced black sheets	247,620	178,190	64,433
Cold reduced strip	26,733	23,709	948
Galvanized sheets	130,781	125,859	1,154
Steel castings	52,155	50,360	114
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	609,204	272,435	342,364
Total carbon steel	3,601,432	2,371,482	1,220,573
<u>Alloy steel</u>			
Billets, etc., for forging	3,851	3,710	162
Other semi-finished shapes, not for re-rolling by makers	1,110	-	1,110
Plates	5,065	4,902	-
Other hot rolled bars	44,354	44,050	125
Wire rods	956	974	-
Steel castings	15,688	13,493	44
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	19,004	18,489	449
Total alloy steel	90,028	85,618	1,890

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	July, 1956		Seven months ended July, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	16,399	3,770	100,291	33,015
Agricultural, including farm machinery	3,740	261	45,596	1,584
Building construction	56,368	83	371,747	942
Containers industry	33,839	26	220,004	114
Machinery and tools	21,692	1,421	136,781	9,328
Merchant trade products	32,384	453	303,901	3,026
Mining, lumbering, etc.	24,851	1,424	126,773	11,040
National defence	313	70	6,203	1,138
Pressing, forming and stamping	27,015	260	204,425	2,665
Public works and utilities	10,356	42	47,678	413
Railway operating	30,331	190	251,046	2,462
Railway cars and locomotives	23,155	674	131,840	5,019
Shipbuilding	1,811	29	9,925	260
Miscellaneous and unclassified	764	51	9,328	1,088
Wholesalers and warehouses	49,377	607	324,725	4,536
Direct export (a) to British Empire ..	1,656	600	9,440	3,987
(b) to other countries .	14,290	1,061	71,779	5,001
Total shipped for sale	348,341	11,022	2,371,482	85,618
Producers' interchange	175,050	376	1,220,573	1,890

Table 13 - Exports of Primary Iron and Steel

	July, 1956	Seven months ended July, 1956
	(Tons of 2,000 pounds)	
Pig iron	33,015	120,537
Ingots, blooms and billets	2,367	17,748
Bars	1,328	8,540
Rods	5	842
Plates, sheets and strips	3,800	25,707
Rails	8,578	47,246
Structural shapes	319	4,563
Pipe and tubing - Wrought iron	66	1,450
Cast iron	34	95*
Galvanized	229	739
Other	8	588
Castings, iron and steel	332	12,257
Forgings	254	1,981
Total	50,335	242,293*

* Revised.

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1956, and Year to Date

Commodity	Country of origin	July, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	46	-	-	917	-	-
Foundry	United States	-	-	-	4,024	-	-
	United Kingdom	-	-	-	112	-	-
	Australia	-	-	-	1,293	-	-
Ingots	United States	105	56	13.3	989	340	19.4
Billets, blooms, slabs and sheet bars	United States	467	97	41.4	2,318	200	239.9
	United Kingdom	-	-	-	-	9	-
	Sweden	2	-	-	2	-	-
	United States	-	-	-	217	-	-
Tube rounds and tube billets	United States	-	-	-	-	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	3,602	119	6.0	36,596	2,815	203.4
	United Kingdom	1,245	12	11.2	4,022	287	33.5
	Germany	60	-	-	62	-	-
	Belgium	1,622	-	-	9,611	-	-
	France	270	-	-	3,783	-	-
	Japan	20	-	-	141	-	-
	Sweden	189	-	-	196	18	-
	Austria	17	-	-	17	-	-
Hot rolled -							
For agricultural implements	United States	31	1	-	5,580	212	-
Rounds over 4 7/8", squares over 4"....	United States	102	1	-	1,881	34	-
	United Kingdom	26	-	1.2	382	20	1.2
	Belgium	-	-	-	12	-	-
Concrete reinforcing bars	United States	1,627	-	-	14,743	-	-
	United Kingdom	67	-	-	167	-	-
	Germany	-	-	-	219	-	-
	Belgium	6,367	-	-	21,098	-	-
	France	2,875	-	-	12,699	-	-
	Japan	-	-	-	3,318	-	-
Angles, channels, etc.	United States	1,423	-	20.7	14,655	-	135.7
	United Kingdom	1,419	-	1.5	4,178	-	9.2
	Germany	199	-	-	554	-	-
	Belgium	2,515	-	-	12,102	-	-
	France	957	-	-	3,806	-	-
	Japan	-	-	-	44	-	-
	Norway	-	-	-	22	-	-
	Sweden	-	-	6.9	17	-	6.9
Structurals (bar sizes) for							
agricultural implements	United States	28	-	-	1,062	-	-
Sash or casement sections	United States	168	-	-	1,935	-	-
	United Kingdom	1	-	-	347	-	-
	Belgium	-	-	-	117	-	-
Cold finished, n.o.p.	United States	449	88	2.7	5,417	1,931	40.6
	United Kingdom	399	24	7.4	1,486	24	82.6
	Belgium	25	-	-	152	-	-
	Switzerland	46	-	-	46	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1956, and Year to Date (Continued)

Commodity	Country of origin	July, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Cold finished, for agricultural implements	United States	49	-	-	1,950	1	-
Tool steel	United States	205	75	-	1,098	608	-
	United Kingdom	43	22	-	229	488	-
	Germany	-	-	-	-	2	-
	Austria	-	-	-	-	46	-
	Sweden	-	2	-	-	36	-
Structurals -							
W.F. beams, 8" and over	United States	8,701	-	-	103,902	-	-
	United Kingdom	64	-	-	90	-	-
	Germany	214	-	-	428	-	-
	Belgium	1,586	-	-	7,084	-	-
	France	11	-	-	517	-	-
W.F. beams, under 8"	United States	279	-	-	4,760	-	-
Sheet piling	United States	-	-	-	778	-	-
	United Kingdom	3,685	-	-	6,953	-	-
	Germany	429	-	-	957	-	-
	Belgium	349	-	-	349	-	-
	France	796	-	-	2,749	-	-
All other	United States	7,665	-	-	82,092	-	-
	United Kingdom	30	-	-	1,431	-	-
	Germany	661	-	-	1,702	-	-
	Belgium	6,727	-	-	32,098	-	-
	France	3,206	-	-	8,140	-	-
	Sweden	28	-	-	205	-	-
	Norway	639	-	-	3,896	-	-
	Japan	13	-	-	13	-	-
	Italy	110	-	-	110	-	-
Plates -							
78" and under in width	United States	5,780	121	29.2	45,492	258	490.1
	United Kingdom	2,666	-	51.4	13,368	-	133.8
	Germany	1,493	-	-	7,777	-	-
	Belgium	907	-	-	8,813	-	-
	France	273	-	-	2,209	-	-
	Japan	654	-	-	6,129	-	-
	Chile	879	-	-	5,382	-	-
	Hungary	-	-	-	371	-	-
Over 78" and under 100" in width	United States	2,327	3	17.3	26,074	28	204.3
	United Kingdom	2,194	-	-	11,647	-	-
	Germany	665	-	-	1,392	-	-
	Belgium	298	-	-	857	-	-
	France	-	-	-	44	-	-
	Japan	3	-	-	712	-	-
	Czechoslovakia	422	-	-	422	-	-

100" in width and over	United States	241	4	14.3	6,505	31	166.9
	United Kingdom	197	-	-	623	-	-
	Germany	160	-	-	160	-	-
	France	-	-	-	4	-	-
	Czechoslovakia	478	-	-	478	-	-
Flanged, dished or curved	United States	107	-	.7	1,662	-	9.1
Boiler, pulp-mill digesters	United States	590	-	1.8	3,627	-	1.8
	United Kingdom	-	-	-	34	-	-
Chequered or surface pattern	United States	668	-	-	9,452	-	-
	United Kingdom	-	-	-	317	-	-
Sheets -							
Silicon .075 or more	United States	-	1,814	-	-	14,723	-
	United Kingdom	-	-	-	-	3	-
Galvanized	United States	811	-	-	11,270	-	-
	United Kingdom	32	-	-	647	-	-
	Japan	-	-	-	28	-	-
Corrugated	United States	741	-	-	5,917	-	-
For tubes	United States	459	-	-	1,840	-	-
Hot rolled -							
18 gauge and heavier	United States	6,173	14	21.8	59,095	113	34.6
	United Kingdom	214	-	5.7	2,314	-	94.7
	Germany	-	-	-	-	-	4.0
	Belgium	55	-	-	124	-	-
	Sweden	-	-	6.4	-	-	175.1
Lighter than 18 gauge	United States	49	6	-	82	14	1.3
	United Kingdom	144	-	-	279	-	-
Cold rolled -							
18 gauge and heavier	United States	1,766	-	148.1	12,196	27	658.8
	United Kingdom	377	-	131.7	2,241	-	692.7
	France	-	-	-	55	-	-
	Sweden	-	-	2.6	-	-	2.6
Lighter than 18 gauge	United States	1,354	1	79.9	16,755	9	750.8
	United Kingdom	1,055	-	24.2	7,600	-	207.6
For motor vehicles	United States	914	-	-	12,178	-	-
For hollow-ware (vitreous enamel)	United States	850	-	-	10,756	-	-
	United Kingdom	404	-	-	3,992	-	-
Coated with paint, tar, asphaltum, etc..	United States	271	-	-	1,250	-	-
	United Kingdom	21	-	-	21	-	-
	Germany	1	-	-	1	-	-
For heating apparatus, blue polished ...	United States	-	-	-	11	-	-
For saws	United States	2	23	-	6	657	-
	United Kingdom	-	-	-	-	33	-
	Sweden	-	32	-	-	33	-
Wasters and rejects	United States	931	-	-	17,113	-	-
Tin mill black plate	United States	-	-	-	44	-	-
Tin plate - Primes	United States	156	-	-	1,237	-	-
	United Kingdom	-	-	-	133	-	-
Tin plate - Electrolytic coating	United States	6	-	-	633	-	-
Tin plate wasters and seconds	United States	-	-	-	293	-	-
Terne plate - Long	United States	165	-	-	3,902	-	-
Short	United States	146	-	-	1,308	-	-
	United Kingdom	-	-	-	5	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1956, and Year to Date (Continued)

Commodity	Country of origin	July, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip -							
Hot rolled -							
18 gauge and heavier	United States	695	-	-	8,850	47	-
	United Kingdom	31	-	-	67	-	-
	Belgium	-	-	-	610	-	-
	France	20	-	-	401	-	-
	Sweden	2	-	-	4	-	-
	Netherlands	-	-	-	3	-	-
Lighter than 18 gauge	United States	137	-	-	652	22	-
Cold rolled -							
18 gauge and heavier	United States	211	23	39.5	1,507	308	306.7
	United Kingdom	37	-	-	75	-	-
	Belgium	10	-	-	10	-	-
	Sweden	-	-	-	8	-	-
Lighter than 18 gauge	United States	213	19	28.2	2,987	68	813.5
	United Kingdom	12	-	-	543	-	-
	Germany	-	-	-	1	-	-
	Sweden	14	2	.5	75	77	2.5
	Netherlands	-	-	-	3	-	-
Hot rolled strip for cold rolling	United States	-	-	-	68	-	-
For saws	United States	15	51	-	97	564	-
	United Kingdom	-	1	-	-	18	-
	Germany	-	-	-	-	3	-
	Sweden	4	7	-	4	97	-
For tubes	United States	-	-	-	42	-	-
For tubular products	United States	-	-	-	12	-	-
For shoe and corset laces, buckles, etc.	United States	1	-	-	312	-	-
	United Kingdom	-	-	-	2	-	-
For motor vehicles	United States	248	-	-	3,884	-	-
For hoops	United States	133	-	-	605	-	-
	United Kingdom	8	-	-	259	-	-
	Japan	-	-	-	9	-	-
Coated with paint, tar, asphaltum, etc.	United States	713	-	-	5,598	-	-
	United Kingdom	5	-	-	26	-	-
	Germany	-	-	-	42	-	-
For butts and hinges	United States	25	-	-	364	-	-
	United Kingdom	22	-	-	22	-	-
Hoop band, or strip, galvanized	United States	243	-	-	3,111	-	-
	United Kingdom	7	-	-	339	-	-
	Belgium	-	-	-	16	-	-
	Japan	-	-	-	1	-	-
Silicon .075 or more	United States	-	388	-	-	6,192	-

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15 3/8" and under in width	3,076	-	-	-	54,709	-	-
Over 15 3/8" in width	1,022	-	-	-	7,708	-	-
Plate for pipe	2,447	-	-	-	3,222	-	-
Pipes and tubes -	1,111	-	-	-	34,705	-	-
Spiral weld pipe	407	-	-	-	1,450	-	-
For bedstead	1	-	-	-	2,044	-	-
Cast	38	-	-	-	217	-	-
United States	2,140	-	-	-	16,206	-	-
United Kingdom	8	-	-	-	36	-	-
Germany	144	-	-	-	1,901	354	2.2
Sweden	112	-	-	-	815	-	-
United States	50	-	-	-	68	-	-
United Kingdom	104	-	-	-	6	70	24.7
United States	42	-	-	-	359	-	-
United Kingdom	154	-	-	-	312	14	8.0
Switzerland	-	-	-	-	714	-	-
United States	732	305	19.5	-	1,203	-	-
United Kingdom	322	-	11.2	-	122	-	-
Sweden	1	55	2.8	-	5,570	1,642	169.3
United States	325	200	2.9	-	821	316	125.3
United Kingdom	3,678	-	-	-	88	2,717	22.7
France	2	-	-	-	5,697	-	6.8
Italy	-	-	-	-	7,386	-	-
United States	64	34	-	-	6	-	-
United Kingdom	-	-	-	-	10	-	-
Italy	-	-	-	-	1,914	35	-
United States	757	5	4.5	-	1,911	-	-
United Kingdom	860	-	.9	-	6	6	42.3
Germany	-	-	-	-	5,778	-	-
France	31	-	-	-	3,530	-	3.9
Netherlands	-	-	-	-	143	-	-
United States	44,340	-	7.8	-	469	-	-
United Kingdom	4,653	-	-	-	10	-	-
United States	160	-	-	-	150,829	-	46.8
United Kingdom	4,630	-	-	-	29,616	-	-
United States	1,727	-	-	-	1,905	-	-
United Kingdom	917	-	-	-	42,273	-	-
Germany	-	-	-	-	9,546	-	-
Belgium	671	-	-	-	3,983	-	-
France	353	-	-	-	727	-	-
Italy	5,752	-	-	-	4,745	-	-
Japan	17	-	-	-	4,396	-	-
Hungary	-	-	-	-	27,599	-	-
Czechoslovakia	-	-	-	-	169	-	-
	-	-	-	-	352	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, July, 1956, and Year to Date (Concluded)

Commodity	Country of origin	July, 1956				Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless		
		(Tons of 2,000 pounds)							
Tubing -									
Not over 1/2" diameter, welded									
and coated	United States	13	-	-	173	-	-	-	
Wire rope	United States	67	-	.2	791	-	-	.9	
	United Kingdom	241	-	-	1,234	-	-	-	
	Germany	65	-	-	361	-	-	-	
	Belgium	8	-	-	106	-	-	-	
	Japan	-	-	-	232	-	-	-	
	Italy	-	-	-	2	-	-	-	
	Netherlands	15	-	-	264	-	-	-	
	Sweden	-	-	-	1	-	-	-	
	Norway	-	-	-	37	-	-	-	
	Denmark	-	-	-	5	-	-	-	
Wire -									
For rope	United States	603	-	-	5,500	-	-	1.5	
	United Kingdom	1,320	-	-	8,161	-	-	-	
	Germany	94	-	-	519	-	-	-	
	Belgium	55	-	-	80	-	-	-	
	United States	304	-	-	1,865	-	-	-	
	Germany	-	-	-	1	-	-	-	
	United States	7	-	-	98	-	-	-	
	United Kingdom	1	-	-	14	-	-	-	
	United States	20	-	-	165	-	-	-	
	United Kingdom	40	-	-	40	-	-	-	
	United States	52	-	-	449	-	-	.3	
	United Kingdom	48	-	-	469	-	-	-	
	Germany	-	-	-	22	-	-	-	
	Belgium	24	-	-	240	-	-	-	
	Japan	3	-	-	3	-	-	-	
	United States	508	27	6.1	4,964	191	29.0	-	
	United Kingdom	97	1	1.2	340	4	3.7	-	
	Germany	1	-	-	214	-	-	-	
	Belgium	251	-	-	516	-	-	-	
	France	-	-	-	129	-	-	-	
	Sweden	-	-	-	67	-	-	-	
	Japan	30	-	-	145	-	-	-	
	Netherlands	-	-	-	150	-	-	-	
	United States	78	-	-	719	-	-	-	
	United Kingdom	338	-	-	2,083	-	-	-	
	Germany	389	-	-	3,114	-	-	-	
	Belgium	667	-	-	3,531	-	-	-	
	United States	141	14	.9	154	414	.9	.9	
Wire rods, not over 3/8" in diameter									
Welding wire and welding rods									

Axles - For railway vehicles	United States	51	-	-	-	156	-	-	-
Tires - For railway rolling stock	United States	19	-	-	-	99	-	-	-
	United Kingdom	245	-	-	-	2,267	-	-	-
Wheels - For railway rolling stock	United States	80	-	-	-	110	-	-	-
	United Kingdom	1,055	-	-	-	7,462	-	-	-
Rails -									
60 lb. and under	United States	14	-	-	-	1,187	-	-	-
	United Kingdom	-	-	-	-	5	-	-	-
	Germany	252	-	-	-	986	-	-	-
	Belgium	174	-	-	-	524	-	-	-
Over 60 lb. and including 100 lb.	United States	-	-	-	-	1,841	-	-	-
	United Kingdom	5,104	-	-	-	17,948	-	-	-
Over 100 lb.	United States	31	-	-	-	71	-	-	-
Track material -									
Fish plates, angle bars, etc.	United States	850	-	-	-	1,961	-	-	-
	United Kingdom	932	-	-	-	4,789	-	-	-
	Germany	8	-	-	-	117	-	-	-
	Belgium	4	-	-	-	21	-	-	-
Switch points, etc.	United States	-	-	-	-	83	-	-	-
Total imports	United States	113,250	3,506	506.8	892,154	34,645	4409.6		
	All other	84,661	158	266.8	409,065	1,514	1602.2		
TOTAL		197,911	3,664	773.6	1,301,219	36,159	6011.8		



PRIMARY IRON AND STEEL

AUGUST, 1956



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-86

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 8

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	August, 1955		August, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	222,371	4,582	257,453	1,133
Foundry	10,675	16,233	7,947	11,794
Malleable	55,818	58,825	51,326	41,789
Total pig iron	288,864	79,640	316,726	54,716
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	146,608		100,971	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Eight months ended August, 1955		Eight months ended August, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	1,700,450	16,223	1,990,704	70,307
Foundry	97,178	91,735	81,709	91,549
Malleable	279,611	248,570	279,639	252,985
Total pig iron	2,077,239	356,528	2,352,052	414,841
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	August		Eight months ended August	
	1955	1956	1955	1956
(Net tons of 2,000 pounds)				
Iron ore - Canadian	131,646	234,755	876,917	1,218,438
Imported	333,455	280,769	2,493,870	2,508,603
Mill cinder, scale, sinter, etc.	89,685	63,479	646,143	504,779
Limestone	94,679	98,866	690,687	722,125
Dolomite	22,911	24,351	188,734	205,017
Coke	254,265	272,496	1,816,961	2,004,824
Scrap iron and steel	10,127	17,808	83,515	127,611

Table 4 - Description of Iron Blast Furnaces at End of August, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,540,000	91.4
Banked	-	-	-
Blown out	3	336,000	8.6
Total	16	3,876,000	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	August, 1955		August, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	335,032	22,808	399,801	798
Electric	44,646	-	43,976	39
Total steel ingots	379,678	22,808	443,777	837
Alloy steel ingots included in above	17,802	-	15,337	115
<u>Steel castings.</u>				
Open hearth - basic	1,860	1,645	1,712	1,423
Converter	19	16	20	18
Electric	5,173	4,522	6,765	6,095
Total steel castings	7,052	6,183	8,497	7,536
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	103	109	152	152
(b) High alloy, manganese and abrasion resistant	983	865	1,418	1,479
(c) All other alloys	373	296	495	214

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Eight months ended August, 1955		Eight months ended August, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,522,766	63,558	3,064,106	3,122
Electric	321,030	102	368,557	248
Total steel ingots	2,843,796	63,660	3,432,663	3,370
Alloy steel ingots included in above	132,163	15	143,541	284
<u>Steel castings</u>				
Open hearth - basic	17,719	15,877	21,028	18,522
Converter	71	49	280	249
Electric	37,473	29,810	56,714	48,467
Total steel castings	55,263	45,736	78,022	67,238
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,430	1,228	1,654	1,436
(b) High alloy, manganese and abrasion resistant	8,529	8,310	12,478	11,640
(c) All other alloys	3,211	2,299	3,874	2,336

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	August		Eight months ended August	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	226,280	259,357	1,697,299	1,928,191
Scrap - Own make	100,816	115,075	784,644	901,118
Purchased	87,195	115,075	661,811	947,268

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
			(Net tons of 2,000 pounds)		
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,590 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	62,725 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
Total - eight months.	2,352,052		3,432,663	78,022	3,510,685

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, August, 1956

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	12,616	5,174	6,189
Other semi-finished shapes, not for re-rolling by makers	20,338	54	21,688
Structural shapes and piling	22,616	23,637	-
Plates	25,375	28,533	-
Rails	28,527	29,953	-
Tie plates and track material: Splice bars	731	643	-
Tie plates	5,860	6,281	-
Spikes	1,331	1,467	-
Concrete reinforcing bars	27,769	27,827	-
Hot rolled bars for cold finishing	710	-	710
Other hot rolled bars	40,818	32,527	5,968
Pipes and tubes	42,863	44,847	15
Wire rods	29,577	28,660	790
Hot rolled black sheets	117,165	24,019	94,721
Cold reduced black sheets	45,595	27,301	18,840
Cold reduced strip	3,779	3,299	48
Galvanized sheets	21,804	22,868	-
Steel castings	6,482	5,574	93
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	108,549	41,239	57,461
Total carbon steel	562,505	353,903	206,523
<u>Alloy steel</u>			
Billets, etc., for forging	494	371	14
Other semi-finished shapes, not for re-rolling by makers	150	-	150
Plates	128	112	-
Other hot rolled bars	5,776	5,890	4
Wire rods	221	263	-
Steel castings	1,614	1,439	15
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	1,714	1,728	47
Total alloy steel	10,097	9,803	230

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Eight Months Ended August, 1956

Ended August, 1950

	Production	Shipments	
	(Including producers' interchange)	For sale	Producers' interchange
	(Tons of 2,000 pounds)		
<u>Carbon steel</u>			
Billets, etc., for forging	78,983	35,859	39,586
Other semi-finished shapes, not for re-rolling by makers	184,288	3,547	168,497
Structural shapes and piling	150,438	153,608	6
Plates	212,178	209,749	-
Rails	224,752	244,911	-
Tie plates and track material: Splice bars	13,856	14,096	-
Tie plates.	62,719	58,136	3,802
Spikes	13,700	12,901	-
Concrete reinforcing bars	197,762	192,426	-
Hot rolled bars for cold finishing	5,978	-	6,027
Other hot rolled bars	413,457	315,289	85,505
Pipes and tubes	271,481	292,818	15
Wire rods	267,646	265,649	2,247
Hot rolled black sheets	813,997	175,562	635,956
Cold reduced black sheets	293,215	205,491	83,273
Cold reduced strip	30,512	27,008	996
Galvanized sheets	152,585	148,727	1,154
Steel castings	58,637	55,934	207
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	717,753	313,674	399,825
Total carbon steel	4,163,937	2,725,385	1,427,096
<u>Alloy steel</u>			
Billets, etc., for forging	4,345	4,081	176
Other semi-finished shapes, not for re-rolling by makers	1,260	-	1,260
Plates	5,193	5,014	-
Other hot rolled bars	50,130	49,940	129
Wire rods	1,177	1,237	-
Steel castings	17,302	14,932	59
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	20,718	20,217	496
Total alloy steel	100,125	95,421	2,120

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	August, 1956		Eight months ended August, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	12,294	3,978	112,585	36,993
Agricultural, including farm machinery	3,281	192	48,877	1,776
Building construction	64,092	105	435,839	1,047
Containers industry	29,009	7	249,013	121
Machinery and tools	24,638	1,433	161,419	10,761
Merchant trade products	36,258	543	340,159	3,569
Mining, lumbering, etc.	25,656	1,442	152,429	12,482
National defence	274	86	6,477	1,224
Pressing, forming and stamping	30,511	228	234,936	2,893
Public works and utilities	5,078	33	52,756	446
Railway operating	28,160	102	279,206	2,564
Railway cars and locomotives	15,095	162	146,935	5,181
Shipbuilding	2,024	34	11,949	294
Miscellaneous and unclassified	793	50	10,121	1,138
Wholesalers and warehouses	55,762	491	380,487	5,027
Direct export (a) to British Empire ..	1,144	344	10,584	4,331
(b) to other countries .	19,834	573	91,613	5,574
 Total shipped for sale	 353,903	 9,803	 2,725,385	 95,421
 Producers' interchange	 206,523	 230	 1,427,096	 2,120

Table 13 - Exports of Primary Iron and Steel

	August, 1956	Eight months ended August, 1956
	(Tons of 2,000 pounds)	
Pig iron	28,333	148,870
Ingots, blooms and billets	507	18,255
Bars	682	9,222
Rods	178	1,020
Plates, sheets and strips	6,036	31,743
Rails	2,366	49,612
Structural shapes	466	5,029
Pipe and tubing - Wrought iron	195	1,645
Cast iron	40	135
Galvanized	-	739
Other	171	759
Castings, iron and steel	296	12,553
Forgings	220	2,201
 Total	 39,490	 281,783

Primary Iron and Steel

Table 14. - Imports of Primary Forms of Iron and Steel, August, 1956, and Year to Date

Commodity	Country of origin	August, 1956		Year to date		
		Carbon	Alloy	Carbon	Alloy	
		(Tons of 2,000 pounds)				
Pig iron -						
Silvery	United States	-	-	917	-	-
Foundry	United States	70	-	4,094	-	-
	United Kingdom	56	-	168	-	-
	Australia	-	-	1,293	-	-
Ingots	United States	133	-	41.3	340	60.7
Billets, blooms, slabs and sheet bars	United States	226	24	121.1	224	361.0
	United Kingdom	-	6	-	15	-
	Sweden	-	4	2	4	-
	United States	415	-	632	-	-
Tube rounds and tube billets						
Bars and sections -						
Hot rolled, n.o.p.	United States	3,117	35	4.9	2,850	208.3
	United Kingdom	721	121	1.1	408	34.6
	Germany	11	-	-	-	-
	Belgium	1,218	-	-	-	-
	France	210	-	-	-	-
	Japan	-	-	-	-	-
	Sweden	-	-	-	18	-
	Austria	17	-	-	-	-
Hot rolled -						
For agricultural implements	United States	285	6	-	218	-
Rounds over 4 7/8", squares over 4"....	United States	189	1	-	35	-
	United Kingdom	20	-	.9	20	2.1
	Belgium	-	-	-	-	-
Concrete reinforcing bars	United States	1,549	-	-	-	-
	United Kingdom	-	-	-	-	-
	Germany	-	-	-	-	-
	Belgium	3,253	-	-	-	-
	France	1,444	-	-	-	-
	Japan	-	-	-	-	-
	Chile	990	-	-	-	-
Angles, channels, etc.	United States	730	-	15.1	-	150.8
	United Kingdom	354	-	.7	-	9.9
	Germany	-	-	-	-	-
	Belgium	2,109	-	-	-	-
	France	1,096	-	-	-	-
	Japan	13	-	-	-	-
	Norway	-	-	-	-	-
	Sweden	-	-	-	-	6.9
	Netherlands	11	-	-	-	-
Structurals (bar sizes) for						
agricultural implements	United States	23	-	-	-	-
Sash or casement sections	United States	91	-	-	-	-
	United Kingdom	11	-	-	-	-
	Belgium	-	-	-	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, August, 1956, and Year to Date (Continued)

Commodity	Country of origin	August, 1956		Year to date	
		Carbon	Alloy	Stainless	Alloy
Bars and sections (concluded) -				(Tons of 2,000 pounds)	
Cold finished, n.o.p.	United States	458	27	5.9	1,958
	United Kingdom	164	3	8.2	27
	Germany	50	-	-	-
	Belgium	159	-	-	-
	France	31	-	-	-
	Sweden	-	-	.2	-
	Switzerland	-	-	-	-
Cold finished, for agricultural implements	United States	68	-	-	1
Tool steel	United States	75	78	-	686
	United Kingdom	6	48	-	536
	Germany	-	-	-	2
	Austria	-	9	-	55
	Sweden	-	10	-	46
Structurals -					
W.F. beams, 8" and over	United States	8,143	-	-	-
	United Kingdom	86	-	112,045	-
	Germany	343	-	176	-
	Belgium	1,672	-	771	-
	France	115	-	8,756	-
W.F. beams, under 8"	United States	201	-	632	-
	Belgium	14	-	4,961	-
Sheet piling	United States	-	-	14	-
	United Kingdom	116	-	778	-
	Germany	170	-	7,069	-
	Belgium	-	-	1,127	-
	France	1,647	-	349	-
All other	United States	5,915	-	4,396	-
	United Kingdom	293	-	88,007	-
	Germany	296	-	1,724	-
	Belgium	5,799	-	1,998	-
	France	1,871	-	37,897	-
	Sweden	-	-	10,011	-
	Norway	653	-	205	-
	Japan	-	-	4,549	-
	Italy	-	-	13	-
		-	-	110	-
Plates -					
78" and under in width	United States	3,487	43	27.8	301
	United Kingdom	1,022	-	6.9	-
	Germany	3,246	-	-	-
	Belgium	1,000	-	-	-
	France	387	-	-	-
	Japan	991	-	-	-
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Over 78" and under 100" in width	United States	994	-	19.1	27,068	28	223.4
	United Kingdom	540	-	-	12,187	-	-
	Germany	426	-	-	1,818	-	-
	Belgium	-	-	-	857	-	-
	France	-	-	-	44	-	-
	Japan	-	-	-	712	-	-
	Czechoslovakia	-	-	-	422	-	-
	Hungary	54	-	-	54	-	-
100" in width and over	United States	185	-	-	6,690	31	166.9
	United Kingdom	9	-	-	632	-	-
	Germany	-	-	-	160	-	-
	France	-	-	-	4	-	-
	Czechoslovakia	-	-	-	478	-	-
Flanged, dished or curved	United States	184	-	5.7	1,846	-	14.8
Boiler, pulp-mill digesters	United States	95	-	-	3,722	-	1.8
	United Kingdom	-	-	-	34	-	-
Chequered or surface pattern	United States	680	-	-	10,132	-	-
	United Kingdom	108	-	-	425	-	-
<hr/>							
Sheets -	United States	-	672	-	-	15,395	-
Silicon .075 or more	United Kingdom	-	-	-	-	3	-
	United States	394	-	-	11,664	-	-
Galvanized	United Kingdom	78	-	-	725	-	-
	Japan	-	-	-	28	-	-
Corrugated	United States	209	-	-	6,126	-	-
For tubes	United States	164	-	-	2,004	-	-
Hot rolled -	United States	6,952	26	3.3	66,047	139	37.9
18 gauge and heavier	United Kingdom	216	-	5.1	2,530	-	98.8
	Germany	-	-	-	-	-	4.0
	Belgium	54	-	-	178	-	-
	Sweden	-	-	1.9	-	-	177.0
	United States	28	-	2.2	110	14	3.5
Lighter than 18 gauge	United Kingdom	-	-	-	279	-	-
	Germany	26	-	-	26	-	-
Cold rolled -	United States	2,373	1	69.4	14,569	28	728.2
18 gauge and heavier	United Kingdom	179	-	70.0	2,420	-	762.7
	France	-	-	-	55	-	-
	Sweden	-	-	-	-	-	2.6
Lighter than 18 gauge	United States	2,421	-	67.3	19,176	9	818.1
	United Kingdom	633	-	9.8	8,233	-	217.4
	Germany	49	-	-	49	-	-
For motor vehicles	United States	777	-	-	12,955	-	-
For hollow-ware (vitreous enamel)	United States	1,006	-	-	11,762	-	-
	United Kingdom	251	-	-	4,243	-	-
Coated with paint, tar, asphaltum, etc.	United States	191	-	-	1,441	-	-
	United Kingdom	17	-	-	38	-	-
	Germany	-	-	-	1	-	-
For heating apparatus, blue polished ..	United States	-	-	-	11	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, August, 1956, and Year to Date (Continued)

Commodity	Country of origin	August, 1956		Year to date	
		Carbon	Alloy	Stainless	Alloy
(Tons of 2,000 pounds)					
Sheets (concluded) -					
For saws	United States	10	54	-	711
	United Kingdom	-	5	-	38
	Sweden	-	1	-	34
Wasters and rejects	United States	521	-	-	-
Tin mill black plate	United States	-	-	17,634	-
Tin plate - Primes	United States	-	-	44	-
	United Kingdom	-	-	1,237	-
Tin plate - Electrolytic coating	United States	31	-	164	-
Tin plate wasters and seconds	United States	-	-	633	-
Terne plate - Long	United States	372	-	293	-
Short	United States	33	-	4,274	-
	United Kingdom	-	-	1,341	-
		-	-	5	-
Strip -					
Hot rolled -					
18 gauge and heavier	United States	292	-	-	47
	United Kingdom	4	-	-	-
	Belgium	79	-	-	-
	France	-	-	-	-
	Sweden	-	-	-	-
	Netherlands	-	-	-	-
Lighter than 18 gauge	United States	25	-	.2	22
	Belgium	98	-	-	-
Cold rolled -					
18 gauge and heavier	United States	51	53	13.1	361
	United Kingdom	6	-	-	-
	Belgium	-	-	-	-
	Sweden	-	-	-	-
Lighter than 18 gauge	United States	246	8	28.9	76
	United Kingdom	21	-	-	-
	Germany	-	-	-	-
	Sweden	33	1	.5	78
	Netherlands	-	-	-	-
Hot rolled strip for cold rolling	United States	-	-	-	-
For saws	United States	1	63	-	627
	United Kingdom	1	2	-	20
	Germany	-	-	-	3
	Sweden	2	23	-	120
For tubes	United States	1	-	-	-
For tubular products	United States	-	-	-	-
For shoe and corset laces, buckles, etc.	United States	72	-	-	-
	United Kingdom	-	-	-	-
For motor vehicles	United States	87	-	-	-
For hoops	United States	-	-	-	-
	United Kingdom	42	-	-	-
	Japan	-	-	-	-
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Coated with paint, tar, asphaltum, etc..	459	-	-	6,057	-	-	-
United States	11	-	-	37	-	-	-
United Kingdom	6	-	-	48	-	-	-
Germany	6	-	-	370	-	-	-
United States	-	-	-	22	-	-	-
United Kingdom	371	-	-	3,482	-	-	-
United States	17	-	-	356	-	-	-
United Kingdom	9	-	-	9	-	-	-
Germany	-	-	-	16	-	-	-
Belgium	-	-	-	1	-	-	-
Japan	-	-	-	-	-	-	-
United States	-	294	-	-	6,486	-	-
Silicon .075 or more	-	-	-	-	-	-	-
Skelp -	-	-	-	-	-	-	-
15 3/8" and under in width	5,006	-	-	59,715	-	-	-
United States	-	-	-	7,708	-	-	-
Germany	929	-	-	4,151	-	-	-
Belgium	807	-	-	35,512	-	-	-
United States	-	-	-	1,450	-	-	-
United States	-	-	-	-	-	-	-
Over 15 3/8" in width	-	-	-	-	-	-	-
Plate for pipe	-	-	-	-	-	-	-
Pipes and tubes -	-	-	-	-	-	-	-
Spiral weld pipe	145	-	-	2,189	-	-	-
United States	-	-	-	2	-	-	-
United States	385	-	-	602	-	-	-
For bed stead	-	-	-	-	-	-	-
United States	1,821	-	-	18,027	-	-	-
United States	-	-	-	36	-	-	-
United Kingdom	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-
Repair of pressure parts of boilers -	-	-	-	-	-	-	-
Seamless, hot finished	152	18	-	2,053	372	2.2	-
United States	60	-	-	875	-	-	-
United Kingdom	-	-	-	68	-	-	-
Germany	-	-	-	6	-	.2	-
Sweden	-	-	-	-	-	-	-
United States	5	1	-	364	71	24.7	-
United Kingdom	17	-	-	329	-	-	-
United States	67	-	.2	781	14	8.2	-
United States	242	-	-	1,445	-	-	-
United Kingdom	68	-	-	190	-	-	-
Switzerland	-	-	-	-	-	-	-
Seamless, 12" and under in diameter -	-	-	-	-	-	-	-
Cold drawn	378	323	5.6	5,948	1,965	174.9	-
United States	95	-	13.5	916	-	138.8	-
United Kingdom	28	67	.4	116	383	23.1	-
Sweden	336	713	.5	6,033	3,430	7.3	-
United States	182	-	-	7,568	-	-	-
United Kingdom	-	-	-	6	-	-	-
France	-	-	-	398	-	-	-
Italy	388	-	-	-	-	-	-
Seamless, over 12" in diameter -	-	-	-	-	-	-	-
Hot finished	120	-	-	2,034	35	-	-
United States	-	-	-	1,911	-	-	-
United Kingdom	496	-	-	502	-	-	-
Italy	636	-	-	6,414	6	46.8	-
United States	554	-	4.5	4,084	-	9.1	-
United States	-	-	5.2	143	-	-	-
United Kingdom	-	-	-	469	-	-	-
Germany	-	-	-	12	-	-	-
France	2	-	-	156,595	-	-	-
Netherlands	5,766	-	5.0	32,447	-	-	-
United States	2,831	-	-	-	-	-	-
United States	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-

- 12 -

Commodity	Country of origin	August, 1956		Year to date			
		Carbon	Alloy		Stainless	Carbon	Alloy
Pipes and tubes (concluded) -		(Tons of 2,000 pounds)					

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Wire rods, not over 3/8" in diameter	Sweden	-	-	-	-	67	-	-	-
	Japan	-	-	-	-	145	-	-	-
	Netherlands	-	-	-	-	150	-	-	-
	United States	-	-	-	-	719	-	-	-
	United Kingdom	-	-	-	-	2,083	-	-	-
	Germany	222	-	-	-	3,336	-	-	-
	Belgium	660	-	-	-	4,191	-	-	-
	United States	89	2	-	.3	243	416	-	1.2
	United Kingdom	1	-	-	-	1	-	-	-
Axles - For railway vehicles	United States	8	-	-	-	164	-	-	-
Tires - For railway rolling stock	United States	25	-	-	-	124	-	-	-
	United Kingdom	309	-	-	-	2,576	-	-	-
	United States	1	-	-	-	111	-	-	-
	United Kingdom	903	-	-	-	8,365	-	-	-
Rails -									
60 lb. and under	United States	217	-	-	-	1,404	-	-	-
	United Kingdom	-	-	-	-	5	-	-	-
	Germany	55	-	-	-	1,041	-	-	-
	Belgium	254	-	-	-	778	-	-	-
	France	55	-	-	-	55	-	-	-
	United States	45	-	-	-	1,886	-	-	-
Over 60 lb. and including 100 lb.	United Kingdom	7,904	-	-	-	25,852	-	-	-
	United States	1,036	-	-	-	1,107	-	-	-
Track material -									
Fish plates, angle bars, etc.	United States	50	-	-	-	2,011	-	-	-
	United Kingdom	510	-	-	-	5,299	-	-	-
	Germany	-	-	-	-	117	-	-	-
	Belgium	15	-	-	-	36	-	-	-
	France	2	-	-	-	2	-	-	-
	United States	75	-	-	-	158	-	-	-
Switch points, etc.									
Total imports	United States	62,648	2,449	-	444.8	954,802	37,094	4854.4	
	All other	62,837	300	-	124.4	471,902	1,814	1726.6	
TOTAL		125,485	2,749	-	569.2	1,426,704	38,908	6581.0	



PRIMARY IRON AND STEEL

SEPTEMBER, 1956



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-96

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 9

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	September, 1955		September, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	217,852	1,777	237,458	2,155
Foundry	77	13,146	19,578	12,591
Malleable	58,866	62,745	38,788	44,512
Total pig iron	276,795	77,668	295,824	59,258
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	125,165		140,749	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Nine months ended September, 1955		Nine months ended September, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron -</u>				
Basic	1,918,302	18,000	2,228,162	72,462
Foundry	97,255	104,881	101,287	104,140
Malleable	338,477	311,315	318,427	297,497
Total pig iron	2,354,034	434,196	2,647,876	474,099
<u>Ferro-alloys</u>	109,148	124,788	181,198	181,780

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	September		Nine months ended September	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
(Net tons of 2,000 pounds)				
Iron ore - Canadian	120,277	131,496	997,194	1,349,934
Imported	332,468	337,584	2,826,338	2,846,187
Mill cinder, scale, sinter, etc.	79,319	65,277	725,462	570,056
Limestone	90,461	89,978	781,148	812,103
Dolomite	22,912	23,571	211,646	228,588
Coke	244,219	254,194	2,061,180	2,259,018
Scrap iron and steel	8,342	16,920	91,857	144,531

Table 4 - Description of Iron Blast Furnaces at End of September, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,549,650	94.4
Banked	-	-	-
Blown out	2	211,700	5.6
Total	15	3,761,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	September, 1955		September, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	318,179	5,503	378,910	8,760
Electric	48,826	67	45,854	76
Total steel ingots	367,005	5,570	424,764	8,836
Alloy steel ingots included in above	21,584	-	18,334	56
<u>Steel castings</u>				
Open hearth - basic	1,766	1,598	2,664	2,337
Converter	38	29	-	8
Electric	5,663	4,614	6,945	6,367
Total steel castings	7,467	6,241	9,609	8,712
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	293	172	211	163
(b) High alloy, manganese and abrasion resistant	1,185	1,233	1,572	1,586
(c) All other alloys	392	252	476	398

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Nine months ended September, 1955		Nine months ended September, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,840,945	69,061	3,443,016	11,882
Electric	369,856	169	414,411	324
Total steel ingots	3,210,801	69,230	3,857,427	12,206
Alloy steel ingots included in above	153,747	15	161,875	340
<u>Steel castings</u>				
Open hearth - basic	19,485	17,475	23,692	20,859
Converter	109	78	280	257
Electric	43,136	34,424	63,659	54,834
Total steel castings	62,730	51,977	87,631	75,950
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,723	1,400	1,865	1,599
(b) High alloy, manganese and abrasion resistant	9,714	9,543	14,050	13,226
(c) All other alloys	3,603	2,551	4,350	2,734

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	September		Nine months ended September	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	220,296	241,222	1,917,595	2,169,413
Scrap - Own make	98,301	109,701	882,945	1,010,819
Purchased	85,138	114,517	746,949	1,061,785

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)*	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)*	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
Total - nine months	2,647,876	181,198	3,857,427	87,631	3,945,058

(1) First quarter.

* Revised.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, September, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	19,114	15,406	5,315
Other semi-finished shapes, not for re-rolling by makers	18,881	201	21,982
Structural shapes and piling	20,078	19,974	-
Plates	22,945	22,738	-
Rails	29,204	33,548	-
Tie plates and track material: Splice bars	587	542	-
Tie plates	7,220	5,690	-
Spikes	778	473	-
Concrete reinforcing bars	26,762	26,901	-
Hot rolled bars for cold finishing	1,558	-	1,494
Other hot rolled bars	54,782	41,880	9,501
Pipes and tubes	36,901	32,351	1
Wire rods	30,927	29,744	82
Hot rolled black sheets	113,192	22,778	90,634
Cold reduced black sheets	38,143	26,373	18,049
Cold reduced strip	3,811	3,185	268
Galvanized sheets	19,388	18,169	210
Steel castings	7,632	6,569	97
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	81,220	30,603	49,921
Total carbon steel	533,123	337,125	197,554

Alloy steel

Billets, etc., for forging	988	822	-
Other semi-finished shapes, not for re-rolling by makers	259	-	259
Plates	94	248	-
Other hot rolled bars	7,578	7,104	-
Wire rods	164	106	-
Steel castings	2,256	2,166	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,811	2,261	47
Total alloy steel	14,150	12,707	306

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Nine Months Ended September, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	98,097	51,265	44,901
Other semi-finished shapes, not for re-rolling by makers	203,169	3,748	190,479
Structural shapes and piling	170,516	173,582	6
Plates	235,123	232,487	-
Rails	253,956	278,459	-
Tie plates and track material: Splice bars	14,443	14,638	-
Tie plates	69,939	63,826	3,802
Spikes	14,478	13,374	-
Concrete reinforcing bars	224,524	219,327	-
Hot rolled bars for cold finishing	7,536	-	7,521
Other hot rolled bars	468,239	357,169	95,006
Pipes and tubes	308,382	325,169	16
Wire rods	298,573	295,393	2,329
Hot rolled black sheets	927,189	198,340	726,590
Cold reduced black sheets	331,358	231,864	101,322
Cold reduced strip	34,323	30,193	1,264
Galvanized sheets	171,973	166,896	1,364
Steel castings	66,269	62,503	304
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	798,973	344,277	449,746
Total carbon steel	4,697,060	3,062,510	1,624,650
<u>Alloy steel</u>			
Billets, etc., for forging	5,333	4,903	176
Other semi-finished shapes, not for re-rolling by makers	1,519	-	1,519
Plates	5,287	5,262	-
Other hot rolled bars	57,708	57,044	129
Wire rods	1,341	1,343	-
Steel castings	19,558	17,098	59
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	23,529	22,478	543
Total alloy steel	114,275	108,128	2,426

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	September, 1956		Nine months ended September, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	15,454	5,714	128,039	42,707
Agricultural, including farm machinery	4,852	39	53,729	1,815
Building construction	59,763	87	495,602	1,134
Containers industry	22,046	17	271,059	138
Machinery and tools	20,795	1,717	182,214	12,478
Merchant trade products	38,890	345	379,049	3,914
Mining, lumbering, etc.	20,797	1,564	173,226	14,046
National defence	336	90	6,813	1,314
Pressing, forming and stamping	24,676	224	259,612	3,117
Public works and utilities	4,200	80	56,956	526
Railway operating	33,797	190	313,003	2,754
Railway cars and locomotives	16,492	323	163,427	5,504
Shipbuilding	1,220	97	13,169	391
Miscellaneous and unclassified	1,287	169	11,408	1,307
Wholesalers and warehouses	51,957	522	432,444	5,549
Direct export (a) to British Empire ..	1,732	533	12,316	4,864
(b) to other countries .	18,831	996	110,444	6,570
Total shipped for sale	337,125	12,707	3,062,510	108,128
Producers' interchange	197,554	306	1,624,650	2,426

Table 13 - Exports of Primary Iron and Steel

	September, 1956	Nine months ended September, 1956
	(Tons of 2,000 pounds)	
Pig iron	40,334	189,204
Ingots, blooms and billets	3,901	22,156
Bars	1,139	10,361
Rods	72	1,092
Plates, sheets and strips	6,499	38,242
Rails	1,856	51,468
Structural shapes	682	5,711
Pipe and tubing - Wrought iron	141	1,786
Cast iron	-	135
Galvanized	-	739
Other	70	829
Castings, iron and steel	231	12,784
Forgings	222	2,423
Total	55,147	336,930

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, September, 1956, and Year to Date

Commodity	Country of origin	September, 1956			Year to date		
		Carbon	Alloy	Stainless (Tons of 2,000 pounds)	Carbon	Alloy	Stainless
Pig iron -							
Silverly	United States	-	-	-	917	-	-
Foundry	United States	116	-	-	4,210	-	-
	United Kingdom	-	-	-	168	-	-
	Australia	-	-	-	1,293	-	-
Ingots	United States	249	59	3.2	1,371	399	63.9
Billets, blooms, slabs and sheet bars	United States	54	57	47.7	2,598	281	408.7
	United Kingdom	-	6	-	-	21	-
	Sweden	-	-	-	2	4	-
	United States	1,928	-	-	2,560	-	-
Tube rounds and tube billets							
Bars and sections -							
Hot rolled, n.o.p.	United States	5,009	40	25.4	44,722	2,890	233.7
	United Kingdom	1,197	32	5.2	5,940	440	39.8
	Germany	45	-	-	118	-	-
	Belgium	1,364	-	-	12,193	-	-
	France	69	-	-	4,062	-	-
	Japan	-	-	-	141	-	-
	Sweden	10	-	-	206	18	-
	Austria	-	-	-	34	-	-
	United States	418	-	-	6,283	218	-
Hot rolled -	United States	277	4	-	2,347	39	-
For agricultural implements	United Kingdom	94	2	-	496	22	2.1
Rounds over 4 7/8", squares over 4"	Belgium	-	-	-	12	-	-
	United States	1,565	-	-	17,857	-	-
	United Kingdom	22	-	-	189	-	-
	Germany	107	-	-	326	-	-
Concrete reinforcing bars	Belgium	2,474	-	-	26,825	-	-
	France	1,606	-	-	15,749	-	-
	Japan	506	-	-	3,824	-	-
	Chile	2,479	-	-	3,469	-	-
	United States	1,971	-	4.3	17,356	-	155.1
Angles, channels, etc.	United Kingdom	286	-	-	4,818	-	9.9
	Germany	47	-	-	601	-	-
	Belgium	1,675	-	-	15,886	-	-
	France	321	-	-	5,223	-	-
	Japan	-	-	-	57	-	-
	Norway	-	-	-	22	-	-
	Sweden	-	-	-	17	-	-
	Netherlands	-	-	-	11	-	6.9

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, September, 1956, and Year to Date (Continued)

Commodity	Country of origin	September, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Hot rolled (concluded) -							
Structurals (bar sizes) for							
agricultural implements	United States	43	-	-	1,128	-	-
Sash or casement sections	United States	225	-	-	2,251	-	-
	United Kingdom	-	-	-	358	-	-
	Belgium	13	-	-	130	-	-
	United States	805	88	3.2	6,680	2,046	49.7
	United Kingdom	203	4	8.5	1,853	31	99.3
	Germany	-	-	-	50	-	-
	Belgium	25	-	-	336	-	-
	France	-	-	-	31	-	-
	Sweden	-	-	-	-	-	.2
	Switzerland	-	-	-	46	-	-
Cold finished, n.o.p.							
	United States	57	-	-	2,075	1	-
	United States	134	70	-	1,307	756	-
	United Kingdom	56	44	-	291	580	-
	Germany	-	14	-	-	16	-
	Austria	-	-	-	-	55	-
	Sweden	-	8	-	-	54	-
Cold finished, for agricultural implements							
Tool steel							
	United States	13,774	-	-	125,819	-	-
	United Kingdom	35	-	-	211	-	-
	Germany	312	-	-	1,083	-	-
	Belgium	640	-	-	9,396	-	-
	France	-	-	-	632	-	-
	United States	193	-	-	5,154	-	-
	Belgium	-	-	-	14	-	-
	United States	-	-	-	778	-	-
	United Kingdom	75	-	-	7,144	-	-
	Germany	304	-	-	1,431	-	-
	Belgium	-	-	-	349	-	-
	France	648	-	-	5,044	-	-
	United States	8,399	-	-	96,406	-	-
	United Kingdom	1,006	-	-	2,730	-	-
	Germany	395	-	-	2,393	-	-
	Belgium	6,202	-	-	44,099	-	-
	France	5,104	-	-	15,115	-	-
	Sweden	-	-	-	205	-	-
	Norway	-	-	-	4,549	-	-
	Japan	-	-	-	13	-	-
	Italy	-	-	-	110	-	-
Structurals -							
W.F. beams, 8" and over							
	United States	13,774	-	-	125,819	-	-
	United Kingdom	35	-	-	211	-	-
	Germany	312	-	-	1,083	-	-
	Belgium	640	-	-	9,396	-	-
	France	-	-	-	632	-	-
	United States	193	-	-	5,154	-	-
	Belgium	-	-	-	14	-	-
	United States	-	-	-	778	-	-
	United Kingdom	75	-	-	7,144	-	-
	Germany	304	-	-	1,431	-	-
	Belgium	-	-	-	349	-	-
	France	648	-	-	5,044	-	-
	United States	8,399	-	-	96,406	-	-
	United Kingdom	1,006	-	-	2,730	-	-
	Germany	395	-	-	2,393	-	-
	Belgium	6,202	-	-	44,099	-	-
	France	5,104	-	-	15,115	-	-
	Sweden	-	-	-	205	-	-
	Norway	-	-	-	4,549	-	-
	Japan	-	-	-	13	-	-
	Italy	-	-	-	110	-	-
W.F. beams, under 8"							
Sheet piling							
	United States	13,774	-	-	125,819	-	-
	United Kingdom	35	-	-	211	-	-
	Germany	312	-	-	1,083	-	-
	Belgium	640	-	-	9,396	-	-
	France	-	-	-	632	-	-
	United States	193	-	-	5,154	-	-
	Belgium	-	-	-	14	-	-
	United States	-	-	-	778	-	-
	United Kingdom	75	-	-	7,144	-	-
	Germany	304	-	-	1,431	-	-
	Belgium	-	-	-	349	-	-
	France	648	-	-	5,044	-	-
	United States	8,399	-	-	96,406	-	-
	United Kingdom	1,006	-	-	2,730	-	-
	Germany	395	-	-	2,393	-	-
	Belgium	6,202	-	-	44,099	-	-
	France	5,104	-	-	15,115	-	-
	Sweden	-	-	-	205	-	-
	Norway	-	-	-	4,549	-	-
	Japan	-	-	-	13	-	-
	Italy	-	-	-	110	-	-
All other							
	United States	13,774	-	-	125,819	-	-
	United Kingdom	35	-	-	211	-	-
	Germany	312	-	-	1,083	-	-
	Belgium	640	-	-	9,396	-	-
	France	-	-	-	632	-	-
	United States	193	-	-	5,154	-	-
	Belgium	-	-	-	14	-	-
	United States	-	-	-	778	-	-
	United Kingdom	75	-	-	7,144	-	-
	Germany	304	-	-	1,431	-	-
	Belgium	-	-	-	349	-	-
	France	648	-	-	5,044	-	-
	United States	8,399	-	-	96,406	-	-
	United Kingdom	1,006	-	-	2,730	-	-
	Germany	395	-	-	2,393	-	-
	Belgium	6,202	-	-	44,099	-	-
	France	5,104	-	-	15,115	-	-
	Sweden	-	-	-	205	-	-
	Norway	-	-	-	4,549	-	-
	Japan	-	-	-	13	-	-
	Italy	-	-	-	110	-	-

78" and under in width	United States	6,986	17	80.9	17,505	158.9
	United Kingdom	3,115	-	18.2	12,887	-
	Germany	1,864	-	-	10,891	-
	Belgium	1,078	-	-	2,912	-
	France	316	-	-	9,319	-
	Japan	2,199	-	-	5,503	-
	Chile	121	-	-	658	-
	Hungary	245	-	-	769	-
	Czechoslovakia	769	-	-	29,760	245.1
Over 78" and under 100" in width	United States	2,692	-	21.7	13,587	28
	United Kingdom	1,400	-	-	1,929	-
	Germany	111	-	-	935	-
	Belgium	78	-	-	44	-
	France	-	-	-	712	-
	Japan	-	-	-	422	-
	Czechoslovakia	-	-	-	108	-
	Hungary	54	-	-	6,868	200.3
100" in width and over	United States	178	-	33.4	742	31
	United Kingdom	110	-	-	160	-
	Germany	-	-	-	4	-
	France	-	-	-	478	-
	Czechoslovakia	-	-	-	2,213	17.8
Flanged, dished or curved	United States	367	-	3.0	71	-
	United Kingdom	71	-	-	4,086	1.8
Boiler, pulp-mill digesters	United States	364	-	-	34	-
	United Kingdom	-	-	-	11,055	-
Chequered or surface pattern	United States	923	-	-	425	-
	United Kingdom	-	-	-	-	-

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Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, September, 1956, and Year to Date (Continued)

Commodity	Country of origin	September, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Sheets (concluded) -							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	3,007	2	131.9	22,183	11	950.0
	United Kingdom	478	-	23.4	8,711	-	240.8
	Germany	-	-	-	49	-	-
For motor vehicles	United States	1,160	-	-	14,115	-	-
For hollow-ware (vitreous enamel)	United States	696	-	-	12,458	-	-
	United Kingdom	94	-	-	4,337	-	-
Coated with paint, tar, asphaltum, etc.	United States	73	-	-	1,514	-	-
	United Kingdom	-	-	-	38	-	-
	Germany	-	-	-	1	-	-
For heating apparatus, blue polished ...	United States	-	-	-	11	-	-
For saws	United States	2	65	-	18	776	-
	United Kingdom	-	-	-	-	38	-
	Sweden	-	-	-	-	34	-
Wasters and rejects	United States	620	-	-	18,254	-	-
Tin mill black plate	United States	-	-	-	44	-	-
Tin plate - Primes	United States	-	-	-	1,237	-	-
	United Kingdom	33	-	-	197	-	-
Tin plate - Electrolytic coating	United States	30	-	-	663	-	-
Tin plate wasters and seconds	United States	-	-	-	293	-	-
Terne plate - Long	United States	736	-	-	5,010	-	-
Short	United States	245	-	-	1,586	-	-
Strip -	United Kingdom	-	-	-	5	-	-
Hot rolled -							
18 gauge and heavier	United States	1,139	-	.6	10,281	47	.6
	United Kingdom	51	-	-	122	-	-
	Belgium	50	-	-	739	-	-
	France	-	-	-	401	-	-
	Sweden	-	-	-	4	-	-
	Netherlands	-	-	-	3	-	-
Lighter than 18 gauge	United States	84	-	-	761	22	.2
	Belgium	-	-	-	98	-	-
Cold rolled -							
18 gauge and heavier	United States	155	6	34.6	1,713	367	354.4
	United Kingdom	-	-	-	81	-	-
	Belgium	-	-	-	10	-	-
	Sweden	-	-	-	8	-	-
Lighter than 18 gauge	United States	289	6	69.7	3,522	82	912.1
	United Kingdom	48	-	-	612	-	-
	Germany	-	-	-	1	-	-
	Sweden	26	-	-	134	78	3.0
Hot rolled strip for cold rolling	Netherlands	-	-	-	3	-	-
	United States	-	-	-	-	-	-

For saws	United States	-	80	98	707	-
	United Kingdom	-	1	1	21	-
	Germany	-	-	3	3	-
	Sweden	-	7	6	127	-
For tubes	United States	-	-	43	-	-
For tubular products	United States	-	-	12	-	-
For shoe and corset laces, buckles, etc.	United States	38	-	422	-	-
	United Kingdom	-	-	2	-	-
For motor vehicles	United States	84	-	4,055	-	-
For hoops	United States	78	-	683	-	-
	United Kingdom	13	-	314	-	-
	Japan	-	-	9	-	-
Coated with paint, tar, asphaltum, etc.	United States	429	-	6,486	-	-
	United Kingdom	-	-	37	-	-
	Germany	-	-	48	-	-
For butts and hinges	United States	1	-	371	-	-
	United Kingdom	-	-	22	-	-
Hoop band, or strip, galvanized	United States	449	-	3,931	-	-
	United Kingdom	16	-	372	-	-
	Germany	-	-	9	-	-
	Belgium	1	-	17	-	-
	Japan	-	-	1	-	-
	United States	-	664	-	7,150	-
Silicon .075 or more	United States	-	-	-	-	-
Skelp -	United States	8,152	-	67,867	-	-
15 3/8" and under in width	Germany	-	-	7,708	-	-
	Belgium	2,479	-	6,630	-	-
Over 15 3/8" in width	United States	3,663	-	39,175	-	-
Plate for pipe	United States	-	-	1,450	-	-
Pipes and tubes -	United States	68	-	2,257	-	-
Spiral-weld pipe	United States	-	-	2	-	-
For bedstead	United States	38	-	640	-	-
Cast	United Kingdom	2,364	-	20,391	-	-
	Germany	-	-	36	-	-
Repair of pressure parts of boilers -	United States	255	59	2,308	431	2.2
Seamless, hot finished	United Kingdom	5	-	880	-	-
	Germany	42	-	110	-	-
	Sweden	-	-	6	-	.2
	United States	8	-	372	71	24.7
Cold drawn	United Kingdom	34	-	363	-	-
	United States	30	-	811	14	8.2
Welded	United Kingdom	334	-	1,779	-	-
	Switzerland	-	-	190	-	-
Seamless, 12" and under in diameter -	United States	688	109	6,636	2,074	194.1
Cold drawn	United Kingdom	158	-	1,074	-	152.4
	Sweden	121	16	237	399	23.3
	United States	744	156	6,777	3,586	8.0
Hot finished	United Kingdom	25	-	7,593	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, September, 1956, and Year to Date (Concluded)

Commodity	Country of origin	September, 1956		Year to date		
		Carbon	Alloy	Carbon	Alloy	
		(Tons of 2,000 pounds)				
Pipes and tubes (concluded) -						
Hot finished (concluded) -						
Seamless, over 12" in diameter -						
Hot finished	France	-	-	-	-	-
	Italy	1,709	-	2,107	-	-
	United States	319	-	2,353	35	-
	United Kingdom	-	-	1,911	-	-
	Italy	245	-	747	-	-
	United States	757	-	14.9	-	-
	United Kingdom	678	-	.8	6	61.7
	Germany	-	-	-	-	9.9
	France	10	-	143	-	-
	Netherlands	-	-	479	-	-
	United States	3,289	-	12	-	-
	United Kingdom	8,909	-	4.2	-	56.0
	United States	133	-	159,884	-	-
	United States	6,658	-	41,356	-	-
	United Kingdom	1,329	-	2,155	-	-
	Germany	1,607	-	50,720	-	-
	Belgium	142	-	12,704	-	-
	France	552	-	6,790	-	-
	Italy	650	-	869	-	-
	Japan	429	-	6,813	-	-
	Hungary	-	-	5,559	-	-
	Czechoslovakia	314	-	31,015	-	-
				169	-	-
				666	-	-
Tubing -						
Not over 1/2" diameter, welded						
and coated	United States	23	-	221	-	-
Wire rope	United States	7	-	864	-	.9
	United Kingdom	148	-	1,516	-	-
	Germany	45	-	424	-	-
	Belgium	1	-	112	-	-
	Japan	7	-	263	-	-
	Italy	-	-	2	-	-
	Netherlands	43	-	378	-	-
	Sweden	-	-	1	-	-
	Norway	-	-	37	-	-
	Denmark	-	-	5	-	-
Wire -						
For rope	United States	445	-	6,286	-	1.5
	United Kingdom	1,521	-	10,487	-	-
	Germany	62	-	678	-	-
	Belgium	-	-	80	-	-

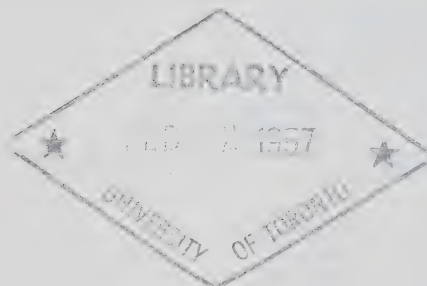
For springs, cushions, mattresses, etc.	United States	133	-	-	2,140	-
	Germany	-	-	-	1	-
For corset clasps, dress stays, etc. ...	United States	32	-	-	135	-
	United Kingdom	2	-	-	17	-
For fencing (galvanized)	United States	-	-	-	165	-
	United Kingdom	-	-	-	40	-
Coated or covered	United States	70	-	-	561	.3
	United Kingdom	9	-	-	489	-
	Germany	-	-	-	42	-
	Belgium	-	-	-	240	-
	Japan	13	-	-	16	-
All other	United States	345	31	3.7	5,706	36.1
	United Kingdom	48	-	-	450	3.7
	Germany	-	-	-	214	-
	Belgium	88	-	-	667	-
	France	-	-	-	300	-
	Sweden	15	-	-	82	-
	Japan	-	-	-	145	-
	Netherlands	-	-	-	150	-
Wire rods, not over 3/8" in diameter	United States	126	-	-	845	-
	United Kingdom	-	-	-	2,083	-
	Germany	865	-	-	4,201	-
	Belgium	274	-	-	4,465	-
	United States	73	54	.4	316	1.6
	United Kingdom	-	1	-	1	13
Welding wire and welding rods	United States	56	-	-	220	-
	United States	22	-	-	146	-
	United Kingdom	97	-	-	2,673	-
	United States	-	-	-	111	-
	United Kingdom	1,202	-	-	9,567	-
	United States	189	-	-	1,593	-
	United Kingdom	-	-	-	5	-
	Germany	123	-	-	1,164	-
	Belgium	252	-	-	1,030	-
	France	-	-	-	55	-
	United States	110	-	-	1,996	-
	United Kingdom	-	-	-	25,852	-
	United States	27	-	-	1,134	-
Over 60 lb. and including 100 lb.	United States	169	-	-	2,180	-
	United Kingdom	170	-	-	5,469	-
Track material -	Germany	6	-	-	123	-
Fish plates, angle bars, etc.	Belgium	12	-	-	48	-
	France	-	-	-	2	-
	United States	-	-	-	158	-
Switch points, etc.	United States	102,354	3,762	559.4	1,057,156	5,413.8
Total imports	All other	67,755	135	126.6	539,657	1,853.2
TOTAL		170,109	3,897	686.0	1,596,813	7,267.0



CANADA

PRIMARY IRON AND STEEL

OCTOBER, 1956



Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-106

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 10

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	October, 1955		October, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic	224,828	2,693	252,272	3,159
Foundry	27,107	21,201	13,105	16,334
Malleable	41,488	47,217	42,253	37,820
Total pig iron	293,423	71,111	307,630	57,313
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	117,323		138,302	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Ten months ended October, 1955		Ten months ended October, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u> -				
Basic	2,143,130	20,693	2,480,434	75,621
Foundry	124,362	126,082	114,392	120,474
Malleable	379,965	358,532	360,680	335,317
Total pig iron	2,647,457	505,307	2,955,506	531,412
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	October		Ten months ended October	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
(Net tons of 2,000 pounds)				
Iron ore - Canadian	115,237	142,067	1,112,431	1,492,001
Imported	353,140	348,975	3,179,478	3,195,162
Mill cinder, scale, sinter, etc.....	90,980	65,134	816,442	635,190
Limestone	97,687	93,649	878,835	905,752
Dolomite	26,713	26,128	238,359	254,716
Coke	257,228	261,650	2,318,408	2,520,668
Scrap iron and steel	11,336	17,774	103,193	162,305

Table 4 - Description of Iron Blast Furnaces at End of October, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,549,650	94.4
Banked	-	-	-
Blown out	2	211,700	5.6
Total	15	3,761,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	October, 1955		October, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	358,384	11,094	406,223	5,096
Electric	51,082	-	48,750	268
Total steel ingots	409,466	11,094	454,973	5,364
Alloy steel ingots included in above	24,340	-	18,537	-
<u>Steel castings</u>				
Open hearth - basic	1,758	1,547	2,789	2,595
Converter	37	29	3	3
Electric	6,005	4,705	8,410	7,562
Total steel castings	7,800	6,281	11,202	10,160
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	305	160	238	260
(b) High alloy, manganese and abrasion resistant	1,389	1,139	1,598	1,707
(c) All other alloys	275	190	555	293

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Ten months ended October, 1955		Ten months ended October, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	3,199,329	80,155	3,849,239	16,978
Electric	420,938	169	463,161	592
Total steel ingots	3,620,267	80,324	4,312,400	17,570
Alloy steel ingots included in above	178,087	15	180,412	340
<u>Steel castings</u>				
Open hearth - basic	21,243	19,022	26,481	23,454
Converter	146	107	283	260
Electric	49,141	39,129	72,069	62,396
Total steel castings	70,530	58,258	98,833	86,110
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,028	1,560	2,103	1,859
(b) High alloy, manganese and abrasion resistant	11,103	10,682	15,648	14,933
(c) All other alloys	3,878	2,741	4,905	3,027

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	October		Ten months ended October	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	230,153	257,336	2,147,748	2,426,749
Scrap - Own make	116,634	119,265	999,579	1,130,084
Purchased	103,213	124,953	850,162	1,186,738

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity (Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
1 9 5 5					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
1 9 5 6					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)*	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)*	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
Total	2,955,506	181,198	4,312,400	98,833	4,411,233

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

* Revised.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, October, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	15,693	10,667	5,670
Other semi-finished shapes, not for re-rolling by makers	27,074	518	26,143
Structural shapes and piling	26,114	28,581	-
Plates	29,128	26,469	-
Rails	29,767	30,196	-
Tie plates and track material: Splice bars	965	894	-
Tie plates.	4,696	5,940	-
Spikes	1,362	1,275	-
Concrete reinforcing bars	24,405	31,357	-
Hot rolled bars for cold finishing	1,030	-	809
Other hot rolled bars	47,412	40,756	5,385
Pipes and tubes	39,260	36,739	-
Wire rods	39,625	28,219	271
Hot rolled black sheets	119,490	26,207	93,858
Cold reduced black sheets	42,191	27,246	18,648
Cold reduced strip	4,444	3,375	265
Galvanized sheets	18,864	18,723	30
Steel castings	8,731	7,920	41
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	84,870	31,314	44,504
Total carbon steel	565,121	366,396	195,624
<u>Alloy steel</u>			
Billets, etc., for forging	732	482	21
Other semi-finished shapes, not for re-rolling by makers	477	42	435
Plates	496	498	-
Other hot rolled bars	7,034	7,232	-
Wire rods	150	120	-
Steel castings	2,538	2,259	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.).	2,000	2,219	3
Total alloy steel	13,427	12,852	459

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Ten Months Ended October, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	113,790	61,932	50,571
Other semi-finished shapes, not for re-rolling by makers	230,243	4,266	216,622
Structural shapes and piling	196,630	202,163	6
Plates	264,251	258,956	-
Rails	283,723	308,655	-
Tie plates and track material: Splice bars	15,408	15,532	-
Tie plates	74,635	69,766	3,802
Spikes	15,840	14,649	-
Concrete reinforcing bars	248,929	250,684	-
Hot rolled bars for cold finishing	8,566	-	8,330
Other hot rolled bars	515,651	397,925	100,391
Pipes and tubes	347,642	361,908	16
Wire rods	338,198	333,612	2,600
Hot rolled black sheets	1,046,679	224,547	820,448
Cold reduced black sheets	373,549	259,110	119,970
Cold reduced strip	38,767	33,568	1,529
Galvanized sheets	190,837	185,619	1,394
Steel castings	75,000	70,423	345
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	883,843	375,591	494,250
Total carbon steel	5,262,181	3,428,906	1,820,274
<u>Alloy steel</u>			
Billets, etc., for forging	6,065	5,385	197
Other semi-finished shapes, not for re-rolling by makers	1,996	42	1,954
Plates	5,783	5,760	-
Other hot rolled bars	64,742	64,276	129
Wire rods	1,491	1,463	-
Steel castings	22,096	19,357	59
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	25,529	24,697	546
Total alloy steel	127,702	120,980	2,885

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	October, 1956		Ten months ended October, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
(Tons of 2,000 pounds)				
Automotive industries	16,423	5,419	144,462	48,126
Agricultural, including farm machinery	5,017	180	58,746	1,995
Building construction	63,670	67	559,272	1,201
Containers industry	18,312	42	289,371	180
Machinery and tools	20,995	1,802	203,209	14,280
Merchant trade products	52,456	440	431,505	4,354
Mining, lumbering, etc.	20,922	1,771	194,148	15,817
National defence	520	165	7,333	1,479
Pressing, forming and stamping	27,760	282	287,372	3,399
Public works and utilities	4,375	75	61,331	601
Railway operating	27,190	248	340,193	3,002
Railway cars and locomotives	17,813	550	181,240	6,054
Shipbuilding	2,887	46	16,056	437
Miscellaneous and unclassified	1,030	47	12,438	1,354
Wholesalers and warehouses	61,327	552	493,771	6,101
Direct export (a) to British Empire ..	1,412	184	13,728	5,048
(b) to other countries .	24,287	982	134,731	7,552
Total shipped for sale	366,396	12,852	3,428,906	120,980
Producers' interchange	195,624	459	1,820,274	2,885

Table 13 - Exports of Primary Iron and Steel

	October, 1956	Ten months ended October, 1956
	(Tons of 2,000 pounds)	
Pig iron	23,186	212,390
Ingots, blooms and billets	15,756	37,912
Bars	913	11,274
Rods	501	1,593
Plates, sheets and strips	6,973	45,215
Rails	20,611	72,079
Structural shapes	489	6,200
Pipe and tubing - Wrought iron	1	1,787
Cast iron	6	141
Galvanized	172	911
Other	710	1,539
Castings, iron and steel	468	13,252
Forgings	362	2,785
Total	70,148	407,078

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, October, 1956, and Year to Date

Table 14 - Imports of Primary Forms of Iron and Steel, October, 1956, and Year to Date							
Commodity	Country of origin	October, 1956		Year to date			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	38	-	-	955	-	
Foundry	United States	524	-	-	4,734	-	
	United Kingdom	-	-	-	168	-	
	Germany	112	-	-	112	-	
	Australia	-	-	-	1,293	-	
Ingots	United States	52	99	29.2	1,423	498	
Billets, blooms, slabs and sheet bars	United States	350	145	87.4	2,948	426	
	United Kingdom	-	5	-	-	26	
	Sweden	-	-	-	2	4	
	United States	1,487	-	-	4,047	-	
Tube rounds and tube billets							
Bars and sections -							
Hot rolled, n.o.p.	United States	7,890	260	21.5	52,612	3,150	
	United Kingdom	1,127	23	-	7,067	463	
	Germany	-	-	-	118	-	
	Belgium	1,220	-	-	13,413	-	
	France	94	-	-	4,156	-	
	Japan	-	-	-	141	-	
	Sweden	3	-	-	209	18	
	Austria	-	-	-	34	-	
Hot rolled -							
For agricultural implements	United States	798	-	-	7,081	218	
Rounds over 4 7/8", squares over 4" ...	United States	429	6	-	2,776	45	
	United Kingdom	53	-	-	549	22	
	Belgium	-	-	-	12	-	
	United States	3,262	-	-	21,119	-	
	United Kingdom	-	-	-	189	-	
	Germany	-	-	-	326	-	
	Belgium	4,549	-	-	31,374	-	
	France	1,810	-	-	17,559	-	
	Japan	620	-	-	4,444	-	
	Chile	-	-	-	3,469	-	
	United States	2,897	-	21.2	20,253	-	
	United Kingdom	1,010	-	.5	5,828	-	
	Germany	-	-	-	601	-	
	Belgium	2,154	-	-	18,040	-	
	France	408	-	-	5,631	-	
	Japan	-	-	-	57	-	
	Norway	223	-	-	245	-	
	Sweden	-	-	-	17	-	
	Netherlands	-	-	-	11	-	
Angles, channels, etc.							
	United States	2,897	-	21.2	20,253	-	
	United Kingdom	1,010	-	.5	5,828	-	
	Germany	-	-	-	601	-	
	Belgium	2,154	-	-	18,040	-	
	France	408	-	-	5,631	-	
	Japan	-	-	-	57	-	
	Norway	223	-	-	245	-	
	Sweden	-	-	-	17	-	
	Netherlands	-	-	-	11	-	
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Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, October, 1956, and Year to Date (Continued)

Commodity	Country of origin	October, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Hot rolled (concluded) -							
Structurals (bar sizes) for							
agricultural implements	United States	225	-	-	1,353	-	-
Sash or casement sections	United States	372	-	-	2,623	-	-
	United Kingdom	34	-	-	392	-	-
	Belgium	-	-	-	130	-	-
	United States	572	297	2.8	7,252	2,343	52.5
	United Kingdom	464	-	12.8	2,317	31	112.1
	Germany	-	-	-	50	-	-
	Belgium	204	-	-	540	-	-
	France	-	-	-	31	-	-
	Sweden	-	-	-	-	-	.2
	Switzerland	-	-	-	46	-	-
Cold finished, for agricultural							
implements	United States	154	-	-	2,229	1	-
Tool steel	United States	167	91	-	1,474	847	-
	United Kingdom	48	60	-	339	640	-
	Germany	-	-	-	-	16	-
	Austria	-	14	-	-	69	-
	Sweden	-	21	-	-	75	-
Structurals -							
W.F. beams, 8" and over	United States	14,262	-	-	140,081	-	-
	United Kingdom	-	-	-	211	-	-
	Germany	50	-	-	1,133	-	-
	Belgium	2,330	-	-	11,726	-	-
	France	81	-	-	713	-	-
W.F. beams, under 8"	United States	326	-	-	5,480	-	-
	Belgium	-	-	-	14	-	-
	United States	-	-	-	778	-	-
Sheet piling	United Kingdom	453	-	-	7,597	-	-
	Germany	357	-	-	1,788	-	-
	Belgium	-	-	-	349	-	-
	France	418	-	-	5,462	-	-
	United States	11,330	-	-	107,736	-	-
All other	United Kingdom	311	-	-	3,041	-	-
	Germany	500	-	-	2,893	-	-
	Belgium	8,722	-	-	52,821	-	-
	France	1,906	-	-	17,021	-	-
	Sweden	-	-	-	205	-	-
	Norway	2,725	-	-	7,274	-	-
	Japan	366	-	-	379	-	-
	Italy	-	-	-	110	-	-

78" and under in width	10,824	18	71.7	66,789	336	670.5
United States	1,705	-	11.6	19,210	-	170.5
United Kingdom	3,059	-	-	15,946	-	-
Germany	2,719	-	-	13,610	-	-
Belgium	1,336	-	-	4,248	-	-
France	169	-	-	9,488	-	-
Japan	643	-	-	6,146	-	-
Chile	48	-	-	706	-	-
Hungary	-	-	-	769	-	-
Czechoslovakia	54	-	-	54	-	-
Poland	3,668	-	32.2	33,428	28	277.3
United States	1,105	-	-	14,692	-	-
United Kingdom	122	-	-	2,052	-	-
Germany	-	-	-	935	-	-
Belgium	58	-	-	102	-	-
France	-	-	-	712	-	-
Japan	-	-	-	422	-	-
Czechoslovakia	-	-	-	108	-	-
Hungary	461	3	.6	7,329	34	200.9
United States	86	-	-	828	-	-
United Kingdom	-	-	-	160	-	-
Germany	18	-	-	22	-	-
France	-	-	-	478	-	-
Czechoslovakia	220	-	5.0	2,433	-	22.8
United States	-	-	-	71	-	1.8
United Kingdom	530	-	-	4,616	-	-
United States	-	-	-	34	-	-
United Kingdom	1,496	-	-	12,551	-	-
United States	162	-	-	587	-	-
United Kingdom	-	-	-	-	-	-
United States	-	1,928	-	-	19,501	-
United Kingdom	-	56	-	-	59	-
Belgium	-	183	-	-	183	-
United States	1,065	-	-	14,557	-	-
United Kingdom	16	-	-	772	-	-
Japan	-	-	-	28	-	-
United States	636	-	-	7,631	-	-
United Kingdom	15	-	-	15	-	-
United States	218	-	-	2,594	-	-
United States	13,387	122	.4	92,099	278	41.2
United Kingdom	118	-	43.3	2,973	-	143.1
Germany	-	-	-	-	-	4.0
Belgium	-	-	-	178	-	-
Sweden	-	-	9.7	-	-	187.2
Chile	-	-	-	506	-	-
United States	-	-	-	110	14	3.5
United Kingdom	-	-	-	279	-	-
Germany	-	-	-	26	-	-
United States	3,059	-	79.9	21,577	28	861.9
United Kingdom	295	-	217.1	2,808	-	1,036.0
France	-	-	-	55	-	-

Over 78" and under 100" in width	
100" in width and over	
Flanged, dished or curved	
Boiler, pulp-mill digesters	
Chequered or surface pattern	
Sheets -	
Silicon .075 or more	
Galvanized	
Corrugated	
For tubes	
Hot rolled -	
18 gauge and heavier	
Lighter than 18 gauge	
Cold rolled -	
18 gauge and heavier	

- 10 -

Year to date

Commodity	Country of origin	October, 1936			Carbon	Alloy	Stainless	Carbon	Alloy	Stainless	Year to date
		Carbon	Alloy	Stainless							
Sheets (concluded) -											
Cold rolled (concluded) -											
Lighter than 18 gauge	United States	1,837	6	185.0	24,020	17	1,135.0				
	United Kingdom	549	-	20.7	9,260	-	261.5				
	Germany	-	-	-	49	-	-				
For motor vehicles	United States	1,414	-	-	15,529	-	-				
For hollow-ware (vitreous enamel)	United States	766	-	-	13,224	-	-				
	United Kingdom	378	-	-	4,715	-	-				
Coated with paint, tar, asphaltum, etc. .	United States	100	-	-	1,614	-	-				
	United Kingdom	-	-	-	38	-	-				
	Germany	-	-	-	1	-	-				
For heating apparatus, blue polished	United States	-	-	-	11	-	-				
For saws	United States	-	129	-	18	905	-				
	United Kingdom	-	-	-	-	38	-				
	Sweden	-	1	-	-	35	-				
Wasters and rejects	United States	384	-	-	18,638	-	-				
Tin mill black plate	United States	38	-	-	82	-	-				
Tin plate - Primes	United States	-	-	-	1,237	-	-				
	United Kingdom	23	-	-	220	-	-				
Tin plate - Electrolytic coating	United States	42	-	-	705	-	-				
Tin plate wasters and seconds	United States	-	-	-	293	-	-				
Terne plate - Long	United States	511	-	-	5,521	-	-				
Short	United States	191	-	-	1,777	-	-				
	United Kingdom	-	-	-	5	-	-				
Strip -											
Hot rolled -											
18 gauge and heavier	United States	1,572	-	-	11,853	47	.6				
	United Kingdom	4	-	-	126	-	-				
	Belgium	86	-	-	825	-	-				
	France	-	-	-	401	-	-				
	Sweden	-	-	-	4	-	-				
	Netherlands	-	-	-	3	-	-				
Lighter than 18 gauge	United States	144	-	2.7	905	22	2.9				
	Belgium	-	-	-	98	-	-				
Cold rolled -											
18 gauge and heavier	United States	230	61	27.2	1,943	428	381.6				
	United Kingdom	5	-	-	86	-	-				
	Belgium	-	-	-	10	-	-				
	Sweden	-	-	-	8	-	-				
Lighter than 18 gauge	United States	156	15	36.6	3,678	97	948.7				
	United Kingdom	75	-	-	687	-	-				
	Germany	6	-	-	7	-	-				
	Sweden	4	-	1.7	138	78	4.7				
	Netherlands	-	-	-	3	-	-				
Hot rolled strip for cold rolling	United States	24	-	-	-	-	-				

For saws	3	15	-	101	722
United States	-	-	-	1	21
United Kingdom	-	-	-	-	3
Germany	-	-	-	6	140
Sweden	-	13	-	43	-
United States	-	-	-	15	-
United States	3	-	-	468	-
United States	46	-	-	2	-
United Kingdom	-	-	-	4,556	-
United States	501	-	-	775	-
United States	92	-	-	351	-
United Kingdom	37	-	-	5	-
Germany	5	-	-	9	-
Japan	-	-	-	7,161	-
United States	675	-	-	37	-
United Kingdom	-	-	-	49	-
Germany	1	-	-	374	-
United States	3	-	-	22	-
United Kingdom	-	-	-	4,186	-
United States	255	-	-	398	-
United States	26	-	-	9	-
United Kingdom	-	-	-	17	-
Germany	-	-	-	1	-
Belgium	-	-	-	-	-
Japan	-	-	-	-	-
United States	-	1,091	-	-	8,241
Silicon .075 or more	-	-	-	-	-
Skein -	-	-	-	-	-
15 3/8" and under in width	10,507	-	-	78,374	-
United States	-	-	-	7,708	-
Germany	-	-	-	6,630	-
Belgium	-	-	-	40,298	-
United States	1,123	-	-	1,450	-
United States	-	-	-	-	-
Over 15 3/8" in width	-	-	-	-	-
Plate for pipe	-	-	-	-	-
Pipes and tubes -	-	-	-	-	-
Spiral weld pipe	246	-	-	2,503	-
For bedstead	7	-	-	9	-
Cast	133	-	-	773	-
United States	2,624	-	-	23,015	-
United Kingdom	-	-	-	36	-
Germany	-	-	-	-	-
Repair of pressure parts of boilers -	-	-	-	-	-
Seamless, hot finished	230	84	-	2,538	515
United States	90	-	-	970	-
United Kingdom	-	-	-	110	-
Germany	-	-	-	54	-
Sweden	48	-	-	399	76
Cold drawn	27	5	.4	379	-
United States	16	-	-	907	14
United Kingdom	96	-	-	1,940	-
United States	161	-	-	190	-
United Kingdom	-	-	-	-	-
Switzerland	-	-	-	-	-
Seamless, 12" and under in diameter -	-	-	-	-	-
Cold drawn	918	168	27.5	7,554	2,242
United States	229	-	10.6	1,303	-
United Kingdom	112	55	9.7	349	454
Sweden	745	131	.2	7,522	3,717
Hot finished	155	-	-	7,748	-
United States	-	-	-	-	-
United Kingdom	-	-	-	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, October, 1956, and Year to Date (Concluded)

Commodity	Country of origin	October, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -							
Hot finished (concluded) -							
Seamless, over 12" in diameter -							
Hot finished	France	-	-	-	6	-	-
	Italy	-	-	-	2,107	-	-
	United States	103	-	-	2,456	35	-
	United Kingdom	14	-	-	1,925	-	-
	Italy	-	-	-	747	-	-
	United States	606	-	8.5	7,777	6	70.2
	United Kingdom	1,882	-	2.3	6,644	-	12.2
	Germany	-	-	-	143	-	-
	Belgium	171	-	-	171	-	-
	France	21	-	-	500	-	-
	Netherlands	20	-	-	32	-	-
	United States	31,130	-	3.5	191,014	-	59.5
	United Kingdom	5,285	-	-	46,641	-	-
	United States	86	-	-	2,241	-	-
	United States	9,559	-	-	60,279	-	-
	United Kingdom	298	-	-	13,002	-	-
	Germany	846	-	-	7,636	-	-
	Belgium	347	-	-	1,216	-	-
	France	597	-	-	7,410	-	-
	Italy	-	-	-	5,559	-	-
	Japan	3,848	-	-	34,863	-	-
	Hungary	-	-	-	169	-	-
	Czechoslovakia	526	-	-	1,192	-	-
Tubing -							
Not over 1/2" diameter, welded							
and coated	United States	26	-	-	247	-	-
Wire rope	United States	31	-	-	895	-	.9
	United Kingdom	278	-	-	1,794	-	-
	Germany	59	-	-	483	-	-
	Belgium	8	-	-	120	-	-
	Japan	-	-	-	263	-	-
	Italy	-	-	-	2	-	-
	Netherlands	17	-	-	395	-	-
	Sweden	-	-	-	1	-	-
	Norway	-	-	-	37	-	-
	Denmark	3	-	-	8	-	-
Wire -							
For rope	United States	412	-	-	6,698	-	1.5
	United Kingdom	1,386	-	-	11,873	-	-
	Germany	44	-	-	722	-	-
	Belgium	-	-	-	68	-	-

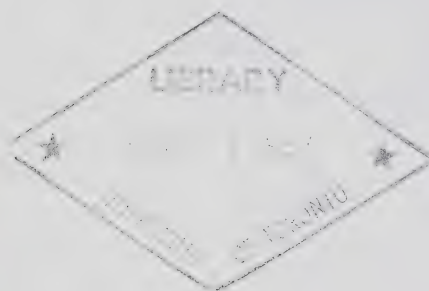
For springs, cushions, mattresses, etc. .	125	-	-	-	2,265	-	-	-	-
Germany	-	-	-	-	1	-	-	-	-
United States	14	-	-	-	149	-	-	-	-
United Kingdom	5	-	-	-	22	-	-	-	-
United States	-	-	-	-	165	-	-	-	-
United Kingdom	-	-	-	-	40	-	-	-	-
United States	40	-	-	-	601	-	-	-	.3
United Kingdom	31	-	-	-	520	-	-	-	-
Germany	2	-	-	-	44	-	-	-	-
Belgium	-	-	-	-	240	-	-	-	-
Japan	-	-	-	-	16	-	-	-	-
United States	560	-	-	8.3	6,266	235	-	-	44.4
United Kingdom	12	2	-	-	462	6	-	-	3.7
Germany	1	-	-	-	215	-	-	-	-
Belgium	163	-	-	-	830	-	-	-	-
France	-	-	-	-	300	-	-	-	-
Sweden	12	-	-	-	94	-	-	-	-
Japan	13	-	-	-	158	-	-	-	-
Netherlands	-	-	-	-	150	-	-	-	-
United States	185	-	-	-	1,030	-	-	-	-
United Kingdom	451	-	-	-	2,534	-	-	-	-
Germany	500	-	-	-	4,701	-	-	-	-
Belgium	-	-	-	-	4,465	-	-	-	-
United States	72	-	13	.8	388	483	-	-	2.4
United Kingdom	-	-	-	-	1	1	-	-	-
United States	37	-	-	-	257	-	-	-	-
United States	11	-	-	-	157	-	-	-	-
United Kingdom	384	-	-	-	3,057	-	-	-	-
United States	8	-	-	-	119	-	-	-	-
United Kingdom	896	-	-	-	10,463	-	-	-	-
United States	398	-	-	-	1,991	-	-	-	-
United Kingdom	-	-	-	-	5	-	-	-	-
Germany	195	-	-	-	1,359	-	-	-	-
Belgium	251	-	-	-	1,281	-	-	-	-
France	-	-	-	-	55	-	-	-	-
United States	396	-	-	-	2,392	-	-	-	-
United Kingdom	1,679	-	-	-	27,531	-	-	-	-
United States	25	-	-	-	1,159	-	-	-	-
United States	212	-	-	-	2,392	-	-	-	-
United Kingdom	180	-	-	-	5,649	-	-	-	-
Germany	10	-	-	-	133	-	-	-	-
Belgium	10	-	-	-	58	-	-	-	-
France	-	-	-	-	2	-	-	-	-
United States	34	-	-	-	192	-	-	-	-
United States	147,788	4,693	652.6	-	1,204,944	45,549	6,066.4	-	-
All other	69,160	433	340.0	-	608,817	2,382	2,193.2	-	-
TOTAL	216,948	5,126	992.6	-	1,813,761	47,931	8,259.6	-	-



CANADA

PRIMARY IRON AND STEEL

NOVEMBER, 1956



Published by Authority of

The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-116

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 11

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	November, 1955		November, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	216,351	656	244,504	3,688
Foundry	29,366	25,836	11,310	17,533
Malleable	38,655	49,002	43,086	58,428
Total pig iron	284,372	75,494	298,900	79,649
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	106,480		108,212	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Eleven months ended November, 1955		Eleven months ended November, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	2,359,481	21,349	2,724,938	79,309
Foundry	153,728	151,918	125,702	138,007
Malleable	418,620	407,534	403,766	393,745
Total pig iron	2,931,829	580,801	3,254,406	611,061
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	November		Eleven months ended November	
	1955	1956	1955	1956
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	114,982	138,687	1,227,413	1,630,688
Imported	325,812	345,089	3,505,290	3,540,251
Mill cinder, scale, sinter, etc.....	99,656	57,540	916,098	692,730
Limestone	95,038	90,967	973,873	996,719
Dolomite	24,335	23,585	262,694	278,301
Coke	247,898	256,914	2,566,306	2,777,582
Scrap iron and steel	19,727	16,994	122,920	179,299

Table 4 - Description of Iron Blast Furnaces at End of November, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	14	3,869,650	94.8
Banked	-	-	-
Blown out	2	211,700	5.2
Total	16	4,081,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	November, 1955		November, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	354,246	13,492	385,090	3,427
Electric	52,526	32	47,832	823
Total steel ingots	406,772	13,524	432,922	4,250
Alloy steel ingots included in above	20,880	-	18,931	14
<u>Steel castings</u>				
Open hearth - basic	2,511	2,205	2,946	2,528
Converter	17	16	1	-
Electric	6,177	4,990	8,565	7,485
Total steel castings	8,705	7,211	11,512	10,013
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	245	193	215	206
(b) High alloy, manganese and abrasion resistant	1,423	1,343	1,761	1,603
(c) All other alloys	477	437	497	334

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Eleven months ended November, 1955		Eleven months ended November, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	3,553,575	93,647	4,234,329	20,405
Electric	473,464	201	510,993	1,415
Total steel ingots	4,027,039	93,848	4,745,322	21,820
Alloy steel ingots included in above	198,967	15	199,343	354
<u>Steel castings</u>				
Open hearth - basic	23,754	21,227	29,427	25,982
Converter	163	123	284	260
Electric	55,318	44,119	80,634	69,881
Total steel castings	79,235	65,469	110,345	96,123
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,273	1,753	2,318	2,065
(b) High alloy, manganese and abrasion resistant	12,526	12,025	17,409	16,536
(c) All other alloys	4,355	3,178	5,402	3,361

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	November		Eleven months ended November	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	221,208	241,857	2,368,956	2,668,606
Scrap - Own make	110,081	114,884	1,109,660	1,244,968
Purchased	118,689	122,915	968,851	1,309,653

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	764,000
Total ingots	5,192,000
Steel castings	333,000
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
1 9 5 5					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
1 9 5 6					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
Total eleven months ...	3,254,406		4,745,322	110,345	4,855,667

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, November, 1956

	P r o d u c t i o n	S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange
(Tons of 2,000 pounds)			
<u>Carbon steel</u>			
Billets, etc., for forging	11,291	6,436	5,831
Other semi-finished shapes, not for re-rolling by makers	22,422	296	23,351
Structural shapes and piling	14,474	17,262	10
Plates	30,832	30,617	-
Rails	31,613	27,243	-
Tie plates and track material: Splice bars	1,548	1,293	-
Tie plates.	6,266	6,091	-
Spikes	1,203	1,291	-
Concrete reinforcing bars	30,172	28,902	-
Hot rolled bars for cold finishing	1,738	-	1,738
Other hot rolled bars	58,138	49,389	7,385
Pipes and tubes	66,648	39,209	6
Wire rods	31,104	32,079	129
Hot rolled black sheets	103,470	30,149	71,903
Cold reduced black sheets	40,919	24,118	12,946
Cold reduced strip	3,137	3,062	255
Galvanized sheets	12,773	13,675	48
Steel castings	9,063	7,800	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	84,274	30,185	61,264
Total carbon steel	561,085	349,097	184,866
<u>Alloy steel</u>			
Billets, etc., for forging	562	562	-
Other semi-finished shapes, not for re-rolling by makers	69	69	-
Plates	421	456	-
Other hot rolled bars	7,651	7,560	12
Wire rods	29	102	-
Steel castings	2,031	1,905	-
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	2,916	2,668	2
Total alloy steel	13,679	13,322	14

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Eleven Months Ended November, 1956

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	125,081	68,368	56,402	
Other semi-finished shapes, not for re-rolling by makers	252,665	4,562	239,973	
Structural shapes and piling	211,104	219,425	16	
Plates	295,083	289,573	-	
Rails	315,336	335,898	-	
Tie plates and track material: Splice bars	16,956	16,825	-	
Tie plates.	80,901	75,857	3,802	
Spikes	17,043	15,940	-	
Concrete reinforcing bars	279,101	279,586	-	
Hot rolled bars for cold finishing	10,304	-	10,068	
Other hot rolled bars	573,789	447,314	107,776	
Pipes and tubes	414,290	401,117	22	
Wire rods	369,302	365,691	2,729	
Hot rolled black sheets	1,150,149	254,696	892,351	
Cold reduced black sheets	414,468	283,228	132,916	
Cold reduced strip	41,904	36,630	1,784	
Galvanized sheets	203,610	199,294	1,442	
Steel castings	84,063	78,223	345	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	968,117	405,776	555,514	
Total carbon steel	5,823,266	3,778,003	2,005,140	
<u>Alloy steel</u>				
Billets, etc., for forging	6,627	5,947	197	
Other semi-finished shapes, not for re-rolling by makers	2,065	111	1,954	
Plates	6,204	6,216	-	
Other hot rolled bars	72,393	71,836	141	
Wire rods	1,520	1,565	-	
Steel castings	24,127	21,262	59	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	28,445	27,365	548	
Total alloy steel	141,381	134,302	2,899	

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

Table 12 - Producers' Shipments, for Sale, of Primary Iron and Steel Shapes, Subdivided According to Principal Consuming Industries

	November, 1956		Eleven months ended November, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	18,219	5,859	162,681	53,985
Agricultural, including farm machinery	10,055	137	68,801	2,132
Building construction	53,163	97	612,435	1,298
Containers industry	17,602	7	306,973	187
Machinery and tools	24,347	1,931	227,556	16,211
Merchant trade products	41,195	299	472,700	4,653
Mining, lumbering, etc.	20,615	1,384	214,763	17,201
National defence	1,020	238	8,353	1,717
Pressing, forming and stamping	26,285	317	313,657	3,716
Public works and utilities	7,152	37	68,483	638
Railway operating	25,875	214	366,068	3,216
Railway cars and locomotives	20,084	601	201,324	6,655
Shipbuilding	2,644	14	18,700	451
Miscellaneous and unclassified	1,138	33	13,576	1,387
Wholesalers and warehouses	56,936	817	550,707	6,918
Direct export (a) to British Empire ..	829	506	14,557	5,554
(b) to other countries .	21,938	831	156,669	8,383
 Total shipped for sale	 349,097	 13,322	 3,778,003	 134,302
 Producers' interchange	 184,866	 14	 2,005,140	 2,899

Table 13 - Exports of Primary Iron and Steel

	November, 1956	Eleven months ended November, 1956
	(Tons of 2,000 pounds)	
Pig iron	22,683	235,073
Ingots, blooms and billets	3,159	41,071
Bars	1,187	12,461
Rods	558	1,701*
Plates, sheets and strips	5,197	50,412
Rails	1,320	73,399
Structural shapes	714	6,914
Pipe and tubing - Wrought iron	38	1,825
Cast iron	53	194
Galvanized	59	970
Other	1,358	2,897
Castings, iron and steel	738	13,990
Forgings	217	3,002
 Total	 37,281	 443,909

* Revised.

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, November, 1956, and Year to Date

Commodity	Country of origin	November, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	-	-	-	955	-	-
Foundry	United States	1,041	-	-	5,775	-	-
	United Kingdom	-	-	-	168	-	-
	Germany	-	-	-	112	-	-
	Australia	-	-	-	1,293	-	-
Ingots	United States	155	31	-	1,578	529	93.1
Billets, blooms, slabs and sheet bars	United States	-	57	34.5	2,948	483	530.6
	United Kingdom	-	14	-	-	40	-
	Sweden	-	-	-	2	4	-
Tube rounds and tube billets	United States	599	-	-	4,646	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	5,485	234	9.6	58,097	3,384	264.8
	United Kingdom	1,316	43	13.1	8,383	506	52.9
	Germany	27	-	-	145	-	-
	Belgium	1,121	-	-	14,534	-	-
	France	188	-	-	4,344	-	-
	Japan	-	-	-	141	-	-
	Sweden	-	-	-	209	18	-
	Austria	-	-	-	34	-	-
Hot rolled -							
For agricultural implements	United States	189	140	-	7,270	358	-
Rounds over 4 7/8", squares over 4" ..	United States	411	7	-	3,187	52	-
	United Kingdom	4	11	-	553	33	2.1
	Belgium	-	-	-	12	-	-
Concrete reinforcing bars	United States	2,445	-	-	23,564	-	-
	United Kingdom	-	-	-	189	-	-
	Germany	-	-	-	326	-	-
	Belgium	3,875	-	-	35,249	-	-
	France	379	-	-	17,938	-	-
	Japan	-	-	-	4,444	-	-
	Chile	1,891	-	-	5,360	-	-
Angles, channels, etc.	United States	1,714	-	28.0	21,967	-	204.3
	United Kingdom	729	-	-	6,557	-	10.4
	Germany	-	-	-	601	-	-
	Belgium	1,322	-	-	19,362	-	-
	France	52	-	-	5,683	-	-
	Japan	-	-	-	57	-	-
	Norway	-	-	-	245	-	-
	Sweden	-	-	-	17	-	6.9
	Netherlands	-	-	-	11	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, November, 1956, and Year to Date (Continued)

Commodity	Country of origin	November, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Bars and sections (concluded) -							
Hot rolled (concluded) -							
Structurals (bar sizes) for							
agricultural implements	United States	106	-	-	1,459	-	-
Sash or casement sections	United States	154	-	-	2,777	-	-
	United Kingdom	108	-	-	500	-	-
	Belgium	11	-	-	141	-	-
	United States	696	63	4.9	7,948	2,406	57.4
Cold finished, n.o.p.	United Kingdom	381	-	12.4	2,698	31	124.5
	Germany	3	-	-	53	-	-
	Belgium	-	-	-	540	-	-
	France	-	-	-	31	-	-
	Sweden	-	-	-	-	-	.2
	Switzerland	-	-	-	46	-	-
Cold finished, for agricultural implements	United States	335	-	-	2,564	1	-
Tool steel	United States	269	74	-	1,743	921	-
	United Kingdom	89	105	-	428	745	-
	Germany	-	3	-	-	19	-
	Austria	-	-	-	-	69	-
	Sweden	-	6	-	-	81	-
Structurals -							
W.F. beams, 8" and over	United States	15,170	-	-	155,251	-	-
	United Kingdom	36	-	-	247	-	-
	Germany	207	-	-	1,340	-	-
	Belgium	2,222	-	-	13,948	-	-
	France	110	-	-	823	-	-
W.F. beams, under 8"	United States	1,156	-	-	6,636	-	-
	Belgium	-	-	-	14	-	-
Sheet piling	United States	-	-	-	778	-	-
	United Kingdom	3,272	-	-	10,869	-	-
	Germany	-	-	-	1,788	-	-
	Belgium	-	-	-	349	-	-
	France	52	-	-	5,514	-	-
All other	United States	10,471	-	-	118,207	-	-
	United Kingdom	1,727	-	-	4,768	-	-
	Germany	1,961	-	-	4,854	-	-
	Belgium	9,675	-	-	62,496	-	-
	France	2,648	-	-	19,669	-	-
	Sweden	79	-	-	284	-	-
	Norway	3,944	-	-	11,218	-	-
	Japan	-	-	-	379	-	-
	Italy	55	-	-	165	-	-

Plates -	78" and under in width	77	92.4	76,936	413	762.9
United States	10,147			21,802		187.1
United Kingdom	2,592		16.6	20,694		
Germany	4,748			15,748		
Belgium	2,138			4,702		
France	454			11,145		
Japan	1,657			6,614		
Chile	468			706		
Hungary	-			769		
Czechoslovakia	-			188		
Poland	134			3,178		
Australia	3,178			35,886		
United States	2,458		44.2	16,122	28	321.5
United Kingdom	1,430			2,608		
Germany	556			984		
Belgium	49			102		
France	-			712		
Japan	-			422		
Czechoslovakia	-			137		
Hungary	29			7,664		
United States	335		49.9	1,139	34	250.8
United Kingdom	311			160		
Germany	-			22		
France	-			478		
Czechoslovakia	-			2,745		28.5
United States	312		5.7	379		
United Kingdom	308			4,920		1.8
United States	304			34		
United Kingdom	-			13,788		
United States	1,237			977		
United Kingdom	390					
Flanged, dished or curved						
Boiler, pulp-mill digesters						
Chequered or surface pattern						
Sheets -						
Silicon .075 or more		2,049			21,550	
United States	-				59	
United Kingdom	-				317	
Belgium	-	134				
United States	964			15,521		
United Kingdom	41			813		
Japan	-			28		
United States	62			7,693		
United Kingdom	-			15		
United States	1,032			3,626		
For tubes						
Hot rolled -						
18 gauge and heavier						
United States	10,812	48	1.9	102,911	326	43.1
United Kingdom	1,729		10.1	4,702		153.2
Germany	27			27		4.0
Belgium	-			178		
Sweden	-		48.1	-		235.3
Chile	576			1,082		

Primary Iron and Steel

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Table 14 - Imports of Primary Forms of Iron and Steel, November, 1956, and Year to Date (Continued)

Commodity	Country of origin	November, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded) -							
Hot rolled (concluded) -							
Lighter than 18 gauge	United States	-	1	-	110	15	3.5
	United Kingdom	-	-	-	279	-	-
	Germany	-	-	-	26	-	-
Cold rolled -							
18 gauge and heavier	United States	1,522	-	74.1	23,099	28	936.0
	United Kingdom	432	-	63.5	3,240	-	1099.5
	France	-	-	-	55	-	-
	Sweden	-	-	-	-	-	-
Lighter than 18 gauge	United States	1,626	-	112.7	25,646	17	2.6
	United Kingdom	503	-	49.3	9,763	-	1247.7
	Germany	-	-	-	49	-	310.8
For motor vehicles	United States	1,644	-	-	17,173	-	-
For hollow-ware (vitreous enamel)	United States	1,096	-	-	14,320	-	-
	United Kingdom	67	-	-	4,782	-	-
Coated with paint, tar, asphaltum, etc.	United States	67	-	-	1,681	-	-
	United Kingdom	-	-	-	38	-	-
	Germany	-	-	-	1	-	-
For heating apparatus, blue polished	United States	-	-	-	11	-	-
For saws	United States	-	54	-	18	959	-
	United Kingdom	-	3	-	-	41	-
	Sweden	-	-	-	-	35	-
Wasters and rejects	United States	264	-	-	18,902	-	-
Tin mill black plate	United States	5	-	-	87	-	-
Tin plate - Primes	United States	-	-	-	1,237	-	-
	United Kingdom	108	-	-	328	-	-
Tin plate - Electrolytic coating	United States	17	-	-	722	-	-
Tin plate wasters and seconds	United States	-	-	-	293	-	-
Terne plate - Long	United States	401	-	-	5,922	-	-
Short	United States	273	-	-	2,050	-	-
	United Kingdom	-	-	-	5	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	1,104	1	-	12,957	48	.6
	United Kingdom	-	-	-	126	-	-
	Belgium	31	-	-	856	-	-
	France	-	-	-	401	-	-
	Sweden	-	-	-	4	-	-
	Netherlands	-	-	-	3	-	-
Lighter than 18 gauge	United States	198	-	-	1,103	22	2.9
	Belgium	-	-	-	98	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, November, 1956, and Year to Date (Continued)

Commodity	Country of origin	November, 1956			Year to date		
		Carbon	Alloy	Stainless (Tons of 2,000 pounds)	Carbon	Alloy	Stainless
Pipes and tubes (Concluded) -							
Repair of pressure parts of boilers -							
Seamless, hot finished	United States	416	27	1.3	2,954	542	3.5
	United Kingdom	135	-	-	1,105	-	-
	Germany	-	-	-	110	-	-
	Sweden	-	-	-	54	-	.2
	Italy	11	-	-	11	-	-
Cold drawn	United States	16	14	-	415	90	25.1
	United Kingdom	33	-	-	412	-	-
Welded	United States	102	-	-	1,009	14	8.2
	United Kingdom	397	-	-	2,337	-	-
	Switzerland	32	-	-	222	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	729	124	25.6	8,283	2,366	247.2
	United Kingdom	146	-	20.1	1,449	-	183.1
	Sweden	1	12	4.2	350	466	37.2
Hot finished	United States	610	194	.3	8,132	3,911	8.5
	United Kingdom	97	-	-	7,845	-	-
	Germany	31	-	-	31	-	-
	France	-	-	-	6	-	-
	Italy	-	-	-	2,107	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	179	-	-	2,635	35	-
	United Kingdom	-	-	-	1,925	-	-
	Italy	-	-	-	747	-	-
Welded, 4" and under in diameter	United States	1,062	-	9.5	8,839	6	79.7
	United Kingdom	1,386	-	1.8	8,030	-	14.0
	Germany	-	-	-	143	-	-
	Belgium	41	-	-	212	-	-
	France	32	-	-	532	-	-
	Netherlands	7	-	-	39	-	-
Welded, over 4" in diameter	United States	26,667	-	7.2	217,681	-	66.7
	United Kingdom	2,982	-	-	49,623	-	-
Conduit	United States	105	-	-	2,346	-	-
Casings	United States	8,292	-	-	68,571	-	-
	United Kingdom	1,338	-	-	14,340	-	-
	Germany	1,019	-	-	8,655	-	-
	Belgium	109	-	-	1,325	-	-
	France	367	-	-	7,777	-	-
	Italy	78	-	-	5,637	-	-
	Japan	1,258	-	-	36,121	-	-
	Hungary	-	-	-	169	-	-
	Czechoslovakia	202	-	-	1,394	-	-

Tubing -									
Not over 1/2" diameter, welded									
and coated		United States		27		-		274	
<hr/>									
Wire rope	United States	112	-	-	-	-	-	1,007	.9
	United Kingdom	99	-	-	-	-	-	1,893	-
	Germany	20	-	-	-	-	-	503	-
	Belgium	20	-	-	-	-	-	140	-
	Japan	-	-	-	-	-	-	263	-
	Italy	-	-	-	-	-	-	2	-
	Netherlands	9	-	-	-	-	-	404	-
	Sweden	-	-	-	-	-	-	1	-
	Norway	-	-	-	-	-	-	37	-
	Denmark	-	-	-	-	-	-	8	-
<hr/>									
Wire -									
For rope	United States	359	-	-	-	-	-	7,057	1.5
	United Kingdom	1,585	-	-	-	-	-	13,458	-
	Germany	63	-	-	-	-	-	785	-
	Belgium	-	-	-	-	-	-	80	-
	Norway	28	-	-	-	-	-	28	-
For springs, cushions, mattresses, etc..	United States	217	-	-	-	-	-	2,482	-
	Germany	-	-	-	-	-	-	1	-
For corset clasps, dress stays, etc. ...	United States	13	-	-	-	-	-	162	-
	United Kingdom	1	-	-	-	-	-	23	-
For fencing (galvanized)	United States	-	-	-	-	-	-	165	-
	United Kingdom	2	-	-	-	-	-	42	-
Coated or covered	United States	23	-	-	-	-	-	624	.3
	United Kingdom	71	-	-	-	-	-	591	-
	Germany	-	-	-	-	-	-	44	-
	Belgium	6	-	-	-	-	-	246	-
	Japan	-	-	-	-	-	-	16	-
All other	United States	512	8	7.6	-	-	-	6,778	52.0
	United Kingdom	28	3	-	-	-	-	490	3.7
	Germany	-	-	-	-	-	-	215	-
	Belgium	90	-	-	-	-	-	920	-
	France	241	-	-	-	-	-	541	-
	Sweden	22	-	-	-	-	-	116	-
	Japan	-	-	-	-	-	-	158	-
	Netherlands	-	-	-	-	-	-	150	-
Wire rods, not over 3/8" in diameter	United States	274	-	-	-	-	-	1,304	-
	United Kingdom	-	-	-	-	-	-	2,534	-
	Germany	882	-	-	-	-	-	5,583	-
	Belgium	-	-	-	-	-	-	4,465	-
Welding wire and welding rods	United States	89	7	2.1	-	-	-	477	4.5
	United Kingdom	-	-	-	-	-	-	1	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, November, 1956, and Year to Date (Concluded)

Commodity	Country of origin	November, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Axles - For railway vehicles	United States	10	-	-	267	-	-
Tires - For railway rolling stock	United States	9	-	-	166	-	-
	United Kingdom	22	-	-	3,079	-	-
Wheels - For railway rolling stock	United States	3	-	-	122	-	-
	United Kingdom	2,157	-	-	12,620	-	-
Rails -							
60 lb. and under	United States	328	-	-	2,319	-	-
	United Kingdom	-	-	-	5	-	-
	Germany	288	-	-	1,647	-	-
	Belgium	152	-	-	1,433	-	-
	France	-	-	-	55	-	-
Over 60 lb. and including 100 lb.	United States	751	-	-	3,143	-	-
	United Kingdom	27	-	-	27,558	-	-
Over 100 lb.	United States	127	-	-	1,286	-	-
Track material -							
Fish plates, angle bars, etc.	United States	300	-	-	2,692	-	-
	United Kingdom	-	-	-	5,649	-	-
	Germany	6	-	-	139	-	-
	Belgium	7	-	-	65	-	-
	France	-	-	-	2	-	-
Switch points, etc.	United States	1	-	-	193	-	-
Total imports	United States	139,560	3,831	577.6	1,344,504	49,380	6,644.0
	All other	78,029	357	239.2	686,486	2,739	2,432.4
TOTAL		217,589	4,188	816.8	2,031,350	52,119	9,076.4



PRIMARY IRON AND STEEL

DECEMBER, 1956



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-126

Price \$2.00 per year
25 cents per copy

Vol. 11, No. 12

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Production and Shipments

	December, 1955		December, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	231,963	485	267,184	9,347
Foundry	23,274	11,759	20,984	5,048
Malleable	26,698	19,702	25,622	22,429
Total pig iron	281,935	31,946	313,790	36,824
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	125,218		131,101	

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 2 - Cumulative Production and Shipments

	Twelve months ended December, 1955		Twelve months ended December, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron -</u>				
Basic	2,591,444	21,834	2,992,122	88,656
Foundry	177,002	163,677	146,686	143,055
Malleable	445,318	427,236	429,388	416,174
Total pig iron	3,213,764	612,747	3,568,196	647,885
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

★ Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 9.

Table 3 - Iron Blast Furnace Charges

	December		Twelve months ended December	
	1 9 5 5	1 9 5 6	1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Iron ore - Canadian	126,078	159,715	1,353,491	1,790,403
Imported	315,224	365,336	3,820,514	3,905,587
Mill cinder, scale, sinter, etc	106,302	50,966	1,022,400	743,696
Limestone	92,609	95,206	1,066,482	1,091,925
Dolomite	24,823	27,106	287,517	305,407
Coke	246,806	272,686	2,813,112	3,050,268
Scrap iron and steel	11,142	16,061	134,062	195,360

Table 4 - Description of Iron Blast Furnaces at End of December, 1956

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,692,950	90.5
Banked	1	-	-
Blown out	3	388,400	9.5
Total	16	4,081,350	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Production and Sales

	December, 1955		December, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	363,476	21,176	394,446	2,906
Electric	51,228	56	45,459	-
Total steel ingots	414,704	21,232	439,905	2,906
Alloy steel ingots included in above	18,751	13	20,065	-
<u>Steel castings</u>				
Open hearth - basic	2,249	1,935	2,696	2,413
Converter	1	-	4	-
Electric	6,173	5,060	7,533	6,635
Total steel castings	8,423	6,995	10,233	9,048
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	286	230	207	183
(b) High alloy, manganese and abrasion resistant	1,368	1,276	1,500	1,651
(c) All other alloys	708	608	476	267

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 6 - Production and Sales

	Twelve months ended December, 1955		Twelve months ended December, 1956	
	Tonnage made ★	Tonnage shipped	Tonnage made ★	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	3,917,051	114,823	4,628,775	23,311
Electric	524,692	257	556,452	1,415
Total steel ingots	4,441,743	115,080	5,185,227	24,726
Alloy steel ingots included in above	217,718	28	219,408	354
<u>Steel castings</u>				
Open hearth - basic	26,003	23,162	32,123	28,395
Converter	164	123	288	260
Electric	61,491	49,179	88,167	76,516
Total steel castings	87,658	72,464	120,578	105,171
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,559	1,983	2,525	2,248
(b) High alloy, manganese and abrasion resistant	13,894	13,301	18,909	18,187
(c) All other alloys	5,063	3,786	5,878	3,628

★ - Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Pig Iron and Scrap Charged to Steel Furnaces

	December		Twelve months ended	
	1 9 5 5	1 9 5 6	December 1 9 5 5	1 9 5 6
	(Net tons of 2,000 pounds)			
Pig iron	227,438	253,839	2,596,394	2,922,445
Scrap - Own make	106,172	105,276	1,215,832	1,350,244
Purchased	124,398	125,569	1,093,249	1,435,222

Table 8 - Steel Furnace Capacity at First of January, 1956

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth (including oxygen vessel furnace)	4,428,000
Electric	<u>764,000</u>
Total ingots	5,192,000
Steel castings	<u>333,000</u>
Total ingots and castings	5,525,000

Table 9 - Monthly Production of Pig Iron, Ferro-alloys and Steel,

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
			(Net tons of 2,000 pounds)		
<u>1 9 5 5</u>					
January	199,464		310,853	5,961	316,814
February	215,075		314,657	6,580	321,237
March	275,729	24,180 (1)	376,866	7,748	384,614
April	272,187		353,377	7,377	360,754
May	284,076		371,808	7,069	378,877
June	275,049	34,554 (2)	381,367	7,901	389,268
July	266,795		355,190	5,575	360,765
August	288,864		379,678	7,052	386,730
September	276,795	50,414 (3)	367,005	7,467	374,472
October	293,423		409,466	7,800	417,266
November	284,372		406,772	8,705	415,477
December	281,935	57,534 (4)	414,704	8,423	423,127
Total	3,213,764	166,682	4,441,743	87,658	4,529,401
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months ...	3,568,196	242,164	5,185,227	120,578	5,305,805

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 10 - Production and Producers' Shipments of Primary Iron and Steel Shapes, December, 1956

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)	For sale	Producers' interchange	
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	8,546	3,158	6,640	
Other semi-finished shapes, not for re-rolling by makers	22,347	670	20,972	
Structural shapes and piling	26,252	30,196	-	
Plates	32,221	33,496	-	
Rails	28,361	24,100	-	
Tie plates and track material: Splice bars	1,664	2,003	-	
Tie plates.	7,944	7,117	-	
Spikes	995	847	-	
Concrete reinforcing bars	21,946	15,897	-	
Hot rolled bars for cold finishing	1,376	-	1,331	
Other hot rolled bars	43,171	39,174	10,064	
Pipes and tubes	29,897	26,228	-	
Wire rods	31,083	32,219	176	
Hot rolled black sheets	84,951	25,705	60,137	
Cold reduced black sheets	28,359	18,982	10,053	
Cold reduced strip	4,064	2,149	38	
Galvanized sheets	9,203	7,764	-	
Steel castings	8,774	7,719	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	75,003	38,640	51,132	
Total carbon steel	466,157	316,064	160,543	
<u>Alloy steel</u>				
Billets, etc., for forging	1,136	953	168	
Other semi-finished shapes, not for re-rolling by makers	140	61	79	
Plates	22	16	-	
Other hot rolled bars	7,274	7,846	-	
Wire rods	273	190	-	
Steel castings	2,183	2,120	-	
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	3,263	3,121	-	
Total alloy steel	14,291	14,307	247	

Table 11 - Production and Producers' Shipments of Primary Iron and Steel Shapes, Twelve Months Ended December, 1956

	P r o d u c t i o n		S h i p m e n t s	
	(Including producers' interchange)		For sale	Producers' interchange
(Tons of 2,000 pounds)				
<u>Carbon steel</u>				
Billets, etc., for forging	133,627		71,526	63,042
Other semi-finished shapes, not for re-rolling by makers	275,012		5,232	260,945
Structural shapes and piling	237,356		249,621	16
Plates	327,304		323,069	-
Rails	343,697		359,998	-
Tie plates and track material: Splice bars	18,620		18,828	-
Tie plates	88,845		82,974	3,802
Spikes	18,038		16,787	-
Concrete reinforcing bars	301,047		295,483	-
Hot rolled bars for cold finishing	11,680		-	11,399
Other hot rolled bars	616,960		486,488	117,840
Pipes and tubes	444,187		427,345	22
Wire rods	400,385		397,910	2,905
Hot rolled black sheets	1,235,100		280,401	952,488
Cold reduced black sheets	442,827		302,210	142,969
Cold reduced strip	45,968		38,779	1,822
Galvanized sheets	212,813		207,058	1,442
Steel castings	92,837		85,942	345
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, axles, etc.)	1,043,120		444,416	606,646
Total carbon steel	6,289,423		4,094,067	2,165,683
<u>Alloy steel</u>				
Billets, etc., for forging	7,763		6,900	365
Other semi-finished shapes, not for re-rolling by makers	2,205		172	2,033
Plates	6,226		6,232	-
Other hot rolled bars	79,667		79,682	141
Wire rods	1,793		1,755	-
Steel castings	26,310		23,382	59
All other products (includes tool steel, cold finished bars, tin mill black plate, tin plate, stainless steel, axles, etc.)	31,708		30,486	548
Total alloy steel	155,672		148,609	3,146

NOTE: Figures shown under "Producers' interchange" represent the amounts shipped to producers' own plants or to other plants within the primary industry, for further processing, e.g., black sheets to galvanizing department, hot rolled bars to make railway track material, etc.

	December, 1956		Twelve months ended December, 1956	
	Carbon steel	Alloy steel	Carbon steel	Alloy steel
	(Tons of 2,000 pounds)			
Automotive industries	14,319	5,810	177,000	59,795
Agricultural, including farm machinery	6,617	63	75,418	2,195
Building construction	51,970	120	664,405	1,418
Containers industry	24,489	11	331,462	198
Machinery and tools	22,823	2,002	250,379	18,213
Merchant trade products	39,528	528	512,228	5,181
Mining, lumbering, etc.	12,432	1,990	227,195	19,191
National defence	667	171	9,020	1,888
Pressing, forming and stamping	21,411	260	335,068	3,976
Public works and utilities	2,901	15	71,384	653
Railway operating	26,460	240	392,528	3,456
Railway cars and locomotives	20,482	347	221,806	7,002
Shipbuilding	2,012	47	20,712	498
Miscellaneous and unclassified	761	123	14,337	1,510
Wholesalers and warehouses	45,190	719	595,897	7,637
Direct export (a) to British Empire ..	1,333	680	15,890	6,234
(b) to other countries ..	22,669	1,181	179,338	9,564
 Total shipped for sale	 316,064	 14,307	 4,094,067	 148,609
 Producers' interchange	 160,543	 247	 2,165,683	 3,146

	December, 1956	Twelve months ended December, 1956
	(Tons of 2,000 pounds)	
Pig iron	22,554	257,627
Ingots, blooms and billets	8,485	49,556
Bars	1,299	13,760
Rods	432	2,133
Plates, sheets and strips	9,574	59,986
Rails	1,475	74,874
Structural shapes	542	7,456
Pipe and tubing - Wrought iron	6	1,831
Cast iron	1	195
Galvanized	266	1,236
Other	363	3,260
Castings, iron and steel	1,137	15,127
Forgings	275	3,277
Total	46,409	490,318

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1956, and Year to Date

Commodity	Country of origin	December, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Silvery	United States	-	-	-	955	-	-
Foundry	United States	109	-	-	5,884	-	-
	United Kingdom	56	-	-	224	-	-
	Germany	-	-	-	112	-	-
	Australia	1,053	-	-	2,346	-	-
Ingots	United States	216	78	3.2	1,794	607	96.3
Billets, blooms, slabs and sheet bars	United States	224	32	79.5	3,172	515	610.1
	United Kingdom	-	-	-	-	40	-
	Sweden	-	-	-	2	4	-
Tube rounds and tube billets	United States	428	-	-	5,074	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	4,455	299	19.0	62,552	3,683	283.8
	United Kingdom	798	14	.8	9,181	520	53.7
	Germany	20	-	-	165	-	-
	Belgium	824	-	-	15,358	-	-
	France	67	-	-	4,411	-	-
	Japan	-	-	-	141	-	-
	Sweden	-	-	.2	209	18	.2
	Austria	-	-	-	34	-	-
Hot rolled -							
For agricultural implements	United States	135	-	-	7,405	358	-
Rounds over 4 7/8", squares over 4" ..	United States	225	4	-	3,412	56.	-
	United Kingdom	24	-	-	577	33	2.1
	Belgium	-	-	-	12	-	-
Concrete reinforcing bars	United States	1,125	-	-	24,689	-	-
	United Kingdom	-	-	-	189	-	-
	Germany	-	-	-	326	-	-
	Belgium	2,890	-	-	38,139	-	-
	France	694	-	-	18,632	-	-
	Japan	-	-	-	4,444	-	-
	Chile	905	-	-	6,265	-	-
Angles, channels, etc.	United States	1,081	-	24.6	23,048	-	228.9
	United Kingdom	451	-	-	7,008	-	10.4
	Germany	43	-	-	644	-	-
	Belgium	294	-	-	19,656	-	-
	France	741	-	-	6,424	-	-
	Japan	-	-	-	57	-	-
	Norway	12	-	-	257	-	-
	Sweden	-	-	-	17	-	6.9
	Netherlands	-	-	-	11	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1956, and Year to Date (Continued)

Commodity	Country of origin	December, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Bars and sections (concluded) -							
Hot rolled (concluded) -							
Structurals (bar sizes) for							
agricultural implements	United States	3	-	-	1,462	-	-
Sash or casement sections	United States	198	-	-	2,975	-	-
	United Kingdom	29	-	-	529	-	-
	Belgium	16	-	-	157	-	-
	United States	575	266	5.5	8,523	2,672	62.9
	United Kingdom	205	-	-	2,903	31	124.5
	Germany	-	-	-	53	-	-
	Belgium	59	-	-	599	-	-
	France	-	-	-	31	-	-
	Sweden	-	-	-	-	-	.2
	Switzerland	-	-	-	46	-	-
Cold finished, for agricultural							
implements	United States	141	-	-	2,705	1	-
Tool steel	United States	156	62	-	1,899	983	-
	United Kingdom	10	37	-	438	782	-
	Germany	-	4	-	-	23	-
	Austria	-	-	-	-	69	-
	Sweden	-	-	-	-	81	-
Structurals -							
W.F. beams, 8" and over	United States	11,579	-	-	166,830	-	-
	United Kingdom	-	-	-	247	-	-
	Germany	95	-	-	1,435	-	-
	Belgium	596	-	-	14,544	-	-
	France	89	-	-	912	-	-
W.F. beams, under 8"	United States	335	-	-	6,971	-	-
	Belgium	-	-	-	14	-	-
	United States	9	-	-	787	-	-
Sheet piling	United Kingdom	618	-	-	11,487	-	-
	Germany	-	-	-	1,788	-	-
	Belgium	-	-	-	349	-	-
	France	27	-	-	5,541	-	-
	United States	6,675	-	-	124,882	-	-
All other	United Kingdom	562	-	-	5,330	-	-
	Germany	791	-	-	5,645	-	-
	Belgium	1,177	-	-	63,673	-	-
	France	901	-	-	20,570	-	-
	Sweden	-	-	-	284	-	-
	Norway	96	-	-	11,314	-	-
	Japan	134	-	-	513	-	-
	Italy	94	-	-	259	-	-
	Chile	283	-	-	283	-	-

Plates -	78" and under in width	United States	8,222	50	72.1	85,158	463	835.0
78" and under in width	United Kingdom	1,018	-	-	4.9	22,820	-	192.0
	Germany	1,902	-	-	-	22,596	-	-
	Belgium	1,545	-	-	-	17,293	-	-
	France	325	-	-	-	5,027	-	-
	Japan	2	-	-	-	11,147	-	-
	Chile	125	-	-	-	6,739	-	-
	Hungary	-	-	-	-	706	-	-
	Czechoslovakia	-	-	-	-	769	-	-
	Poland	108	-	-	-	296	-	-
	Australia	1,269	-	-	-	4,447	-	-
	Austria	66	-	-	-	66	-	-
Over 78" and under 100" in width	United States	2,089	-	-	2.2	37,975	28	323.7
	United Kingdom	685	-	-	-	16,807	-	-
	Germany	877	-	-	-	3,485	-	-
	Belgium	-	-	-	-	984	-	-
	France	3	-	-	-	105	-	-
	Japan	17	-	-	-	729	-	-
	Czechoslovakia	-	-	-	-	422	-	-
	Hungary	-	-	-	-	137	-	-
100" in width and over	United States	509	-	-	62.1	8,173	34	312.9
	United Kingdom	25	-	-	-	1,164	-	-
	Germany	-	-	-	-	160	-	-
	France	5	-	-	-	27	-	-
	Czechoslovakia	-	-	-	-	478	-	-
Flanged, dished or curved	United States	237	-	-	5.9	2,982	-	34.4
	United Kingdom	-	-	-	-	379	-	-
Boiler, pulp-mill digesters	United States	205	-	-	.4	5,125	-	2.2
	United Kingdom	-	-	-	-	34	-	-
Chequered or surface pattern	United States	1,967	-	-	-	15,755	-	-
	United Kingdom	-	-	-	-	977	-	-
Sheets -	United States	-	1,626	-	-	-	23,176	-
Silicon .075 or more	United Kingdom	-	-	-	-	-	59	-
	Belgium	-	-	-	-	-	317	-
Galvanized	United States	752	-	-	-	16,273	-	-
	United Kingdom	-	-	-	-	813	-	-
	Japan	-	-	-	-	28	-	-
Corrugated	United States	53	-	-	-	7,746	-	-
	United Kingdom	-	-	-	-	15	-	-
For tubes	United States	1,116	-	-	-	4,742	-	-
Hot rolled -	United States	8,118	107	15.4	-	111,029	433	58.5
18 gauge and heavier	United Kingdom	398	-	-	-	5,100	-	153.2
	Germany	-	-	-	-	27	-	4.0
	Belgium	-	-	-	-	178	-	-
	Sweden	-	-	12.4	-	-	-	247.7
	Chile	-	-	-	-	1,082	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1956, and Year to Date (Continued)

Commodity	Country of origin	December, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded) -							
Hot rolled (concluded) -							
Lighter than 18 gauge	United States	6	-	-	116	15	3.5
	United Kingdom	-	-	-	279	-	-
	Germany	-	-	-	26	-	-
Cold rolled -							
18 gauge and heavier	United States	1,012	-	76.2	24,111	28	1,012.2
	United Kingdom	50	-	14.7	3,290	-	1,114.2
	France	-	-	-	55	-	-
	Sweden	-	-	-	-	-	-
Lighter than 18 gauge	United States	1,168	-	118.4	26,814	17	2.6
	United Kingdom	81	-	51.3	9,844	-	1,366.1
	Germany	-	-	-	49	-	362.1
For motor vehicles	United States	1,078	-	-	18,251	-	-
For hollow-ware (vitreous enamel)	United States	691	-	-	15,011	-	-
	United Kingdom	4	-	-	4,786	-	-
Coated with paint, tar, asphaltum, etc..	United States	105	-	-	1,786	-	-
	United Kingdom	-	-	-	38	-	-
	Germany	-	-	-	1	-	-
For heating apparatus, blue polished ...	United States	-	-	-	11	-	-
For saws	United States	-	42	-	18	1,001	-
	United Kingdom	-	-	-	-	41	-
	Sweden	-	-	-	-	35	-
Wasters and rejects	United States	636	-	-	19,538	-	-
Tin mill black plate	United States	-	-	-	87	-	-
Tin plate - Primes	United States	18	-	-	1,255	-	-
	United Kingdom	4	-	-	332	-	-
Tin plate - Electrolytic coating	United States	258	-	-	980	-	-
Tin plate wasters and seconds	United States	-	-	-	293	-	-
Terne plate - Long	United States	445	-	-	6,367	-	-
Short	United States	84	-	-	2,134	-	-
	United Kingdom	-	-	-	5	-	-
Strip -							
Hot rolled -							
18 gauge and heavier	United States	805	-	-	13,762	48	.6
	United Kingdom	-	-	-	126	-	-
	Belgium	135	-	-	991	-	-
	France	-	-	-	401	-	-
	Sweden	-	-	-	4	-	-
	Netherlands	-	-	-	3	-	-
Lighter than 18 gauge	United States	66	-	-	1,169	22	2.9
	Belgium	-	-	-	98	-	-

Cold rolled -																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Skelp -											
15 3/8" and under in width	United States	8,955	-	-	99,685	-	-	-	-	-	-
	Germany	-	-	-	7,708	-	-	-	-	-	-
	Belgium	-	-	-	7,534	-	-	-	-	-	-
Over 15 3/8" in width	United States	485	-	-	45,004	-	-	-	-	-	-
Plate for pipe	United States	24	-	-	4,699	-	-	-	-	-	-
Pipes and tubes -											
Spiral weld pipe	United States	105	-	-	2,672	-	-	-	-	-	-
For bedstead	United States	-	-	-	11	-	-	-	-	-	-
Cast	United States	242	-	-	1,168	-	-	-	-	-	-
	United Kingdom	1,955	-	-	27,018	-	-	-	-	-	-
	Germany	-	-	-	36	-	-	-	-	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1956, and Year to Date (Continued)

Commodity	Country of origin	December, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (Concluded) -							
Repair of pressure parts of boilers -							
Seamless, hot finished	United States	313	107	-	3,267	649	3.5
	United Kingdom	58	-	-	1,163	-	-
	Germany	-	-	-	110	-	-
	Sweden	-	-	-	54	-	.2
	Italy	-	-	-	11	-	-
Cold drawn	United States	21	9	-	436	99	25.1
	United Kingdom	3	-	-	415	-	-
Welded	United States	6	-	-	1,015	14	8.2
	United Kingdom	72	-	-	2,409	-	-
	Switzerland	-	-	-	222	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	633	211	27.4	8,916	2,577	274.6
	United Kingdom	78	1	17.4	1,527	1	200.5
	Sweden	6	-	5.6	356	466	42.8
	Italy	3	-	-	3	-	-
Hot finished	United States	640	104	.3	8,772	4,015	8.8
	United Kingdom	609	-	-	8,454	-	-
	Germany	-	-	-	31	-	-
	France	-	-	-	6	-	-
	Italy	-	-	-	2,107	-	-
Seamless, over 12" in diameter -							
Hot finished	United States	247	-	-	2,882	35	-
	United Kingdom	108	-	-	2,033	-	-
	Germany	108	-	-	108	-	-
	Italy	-	-	-	747	-	-
Welded, 4" and under in diameter	United States	740	-	7.4	9,579	6	87.1
	United Kingdom	358	-	-	8,388	-	14.0
	Germany	-	-	-	143	-	-
	Belgium	-	-	-	212	-	-
	France	51	-	-	583	-	-
	Netherlands	-	-	-	39	-	-
Welded, over 4" in diameter	United States	19,905	-	3.2	237,586	-	69.9
	United Kingdom	3,252	-	-	52,875	-	-
Conduit	United States	55	-	-	2,401	-	-
Casings	United States	6,974	-	-	75,545	-	-
	United Kingdom	575	-	-	14,915	-	-
	Germany	248	-	-	8,903	-	-
	Belgium	-	-	-	1,325	-	-
	France	-	-	-	7,777	-	-
	Italy	856	-	-	6,493	-	-

Primary Iron and Steel

Table 14 - Imports of Primary Forms of Iron and Steel, December, 1956, and Year to Date (Concluded)

Commodity	Country of origin	December, 1956			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Axles - For railway vehicles	United States	-	-	-	267	-	-
Tires - For railway rolling stock	United States	7	-	-	173	-	-
	United Kingdom	158	-	-	3,237	-	-
Wheels - For railway rolling stock	United States	27	-	-	149	-	-
	United Kingdom	624	-	-	13,244	-	-
Rails -							
60 lb. and under	United States	88	-	-	2,407	-	-
	United Kingdom	-	-	-	5	-	-
	Germany	23	-	-	1,670	-	-
	Belgium	151	-	-	1,584	-	-
	France	77	-	-	132	-	-
	Netherlands	18	-	-	18	-	-
Over 60 lb. and including 100 lb.	United States	67	-	-	3,210	-	-
	United Kingdom	-	-	-	27,558	-	-
Over 100 lb.	United States	9	-	-	1,295	-	-
Track material -							
Fish plates, angle bars, etc.	United States	124	-	-	2,816	-	-
	United Kingdom	62	-	-	5,711	-	-
	Germany	-	-	-	139	-	-
	Belgium	8	-	-	73	-	-
	France	3	-	-	5	-	-
Switch points, etc.	United States	143	-	-	336	-	-
Total imports	United States	99,783	3,757	589.2	1,444,287	53,137	7,233.2
	All other	39,749	64	107.3	726,595	2,803	2,539.7
TOTAL		139,532	3,821	696.5	2,170,882	55,940	9,772.9



PRIMARY IRON AND STEEL
JANUARY, 1957



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-17

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 1

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	January, 1957
	(Net tons of 2,000 pounds)
Crude iron ore:	
(a) From Canadian mines	102,166
(b) From Foreign mines	313,952
Pyrite cinder	-
Iron ore (sintered, pelletized, etc.):	
(a) From Canadian mines	59,271
(b) From Foreign mines	-
(c) From own processing	88,171
Mill cinder, roll scale, slag and flue dust	
(Not sintered, pelletized, etc.)	17,136
Scrap iron and steel	10,170
Limestone	95,729
Dolomite	29,621
Coke	267,235

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, January

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	258,568	273	285,582	17,554
Foundry (including silvery pig)	9,904	9,959	9,066	7,665
Malleable	16,612	18,585	10,248	12,943
Total pig iron	285,084	28,817	304,896	38,162
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month	143,821		133,860	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 7.

Table 3 - Description of Iron Blast Furnaces at End of January, 1957.

Condition of Furnaces	Number of Furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,789,675	89.8
Banked	-	-	-
Blown out	3	432,200	10.2
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 4 - Pig Iron and Scrap Charged to Steel Furnaces, January

	1956	1957
	(Net tons of 2,000 pounds)	
Pig iron	235,986	264,744
Scrap - Own make	108,763	121,960
Purchased	123,741	127,875

Table 5 - Production and Sales of Steel Ingots and Castings, January

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Steel ingots</u>				
Open hearth - basic	377,232	285	416,494	512
Electric	47,935	63	39,946	13,737
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	425,167	348	456,440	14,249
Alloy steel ingots included in above	16,372	-	29,925	131
<u>Steel castings</u>				
Open hearth - basic	2,545	2,253	2,517	2,520
Electric	5,965	4,905	8,464	8,238
Other	23	15	84	81
Total steel castings	8,533	7,173	11,065	10,839
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	180	140	222	224
(b) High alloy, manganese and abrasion resistant	1,281	1,229	1,598	1,552
(c) All other alloys	335	223	700	605

* Includes amounts for sale and for own use.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

(1) Included with basic open hearth.

Table 6 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
- Electric	685,000
- Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 7 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro- alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805

<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505

- (1) First quarter.
(2) Second quarter.
(3) Third quarter.
(4) Fourth quarter.

Table 8 - Disposition of Shipments* of Steel Castings, January, 1957.

	Carbon castings		Alloy castings	
	(Net tons of 2,000 pounds)			
Direct Export (a) British Empire	-		-	
(b) All other	-		232	
Automotive Industries	67		22	
Agricultural, Incl. Imp. & Eq'pt. Mfrs.	133		-	
Machinery & Tools	1,629		414	
Mining, Lumbering and Quarrying Industries	850		1,157	
Oil and gas, including refineries	68		22	
National Defence	11		15	
Public Works and Public Utilities	204		45	
R.R. Operating	966		178	
R.R. Cars and Locomotives	3,870		98	
Shipbuilding	33		-	
Miscellaneous and Unclassified	575		220	
Total Shipments	8,436		2,403	

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957 includes producers' own make castings allocated to appropriate consuming industry. This information was not collected before January, 1957 and, therefore, the data in above table are not strictly comparable with data for earlier years.

(c) Rolled Steel Products

Table 9 - Production and Disposition of Shipments of Rolled Steel Products, January, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
	(Net tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes				
(a) For re-rolling	19,652	13,477	13,477	-
(b) For forging and piercing	8,593	7,764	-	7,764
Rails	31,632	32,006	-	32,006
Wire rods	28,346	27,215	-	27,215
Structural shapes				
(a) Heavy, including piling	19,969	23,354	-	23,354
(b) Light	6,489	5,359	-	5,359
Concrete reinforcing bars	23,104	22,331	-	22,331
Other hot rolled bars	44,100	41,481	2,030	39,451
Tie plates and track material				
(a) Angle bars	2,516	2,132	-	2,132
(b) Tie plates	9,238	9,269	-	9,269
(c) Track spikes	1,280	1,191	-	1,191
Plates	43,986	44,590	-	44,590
Hot rolled sheets and strip	139,126	141,459	78,896	62,563
Total all hot rolled products	378,031	371,628	94,403	277,225
<u>Cold rolled and coated</u>				
Cold finished bars	3,743	3,613	-	3,613
Cold reduced strip	4,392	4,596	-	4,596
Cold reduced sheets, tin mill black plate and tin plate	81,523	81,287	35,097	46,190
Galvanized sheets	10,330	11,028	-	11,028
Total all cold rolled and coated	99,988	100,524	35,097	65,427
Grand total all carbon products	478,019	472,152	129,500	342,652
<u>Alloy steel</u>				
Semi-finished shapes				
(a) For re-rolling	-	66	-	66
(b) For forging and piercing	380	454	-	454
Alloy plates	539	366	-	366
Other hot rolled bars including high-speed steel, and alloy tool steel	11,925	11,775	7	11,768
Structurals	41	33	-	33
Cold finished bars	583	585	-	585
Wire rods	125	98	-	98
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	1,974	2,269	-	2,269
Total all alloy products	15,567	15,646	7	15,639

Table 10 - Disposition of Shipments* of Rolled Steel Products, January, 1957

	Carbon steel	Alloy steel
	(Net tons of 2,000 pounds)	
Wholesalers and warehouses	36,279	453
Direct export		
(a) British Empire	342	516
(b) All other	24,610	943
Automotive Industries	15,356	6,516
Agricultural, including implement and equipment manufacturers ...	6,537	55
Building construction	52,157	43
Container industry	19,947	5
Machinery and tools	23,642	1,387
Merchant trade products	39,694	329
Mining, lumbering, etc.	4,078	3,622
National defence	765	199
Pressing, forming and stamping	16,161	538
Public works and utilities	2,406	-
Railway operating	31,318	117
Railway cars and locomotives	20,803	905
Shipbuilding	2,174	11
Pipes and tubes	45,072	-
Miscellaneous and unclassified	1,311	-
Net shipments	342,652	15,639

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

NOTE: Effective January, 1957 the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account the totals shown are not comparable with previous years - see Tables 8 and 11.

Table 11 - Production and Shipments of Steel Pipes, Tubing and Fittings, January, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipes and tubing by process:		
Electricweld	19,899	22,147
Other (including seamless and butt weld)	15,075	13,702
Total	34,974	35,849
Pipes and tubing by class:		
Standard and line pipe	22,412	25,287
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,628	3,834
Miscellaneous	8,934	6,728
Total	34,974	35,849
Steel pipe fittings:		
Buttweld fittings	358	433
Other (including flanges and flanged fittings)	384	350
Total	742	783

(1) Included with "Miscellaneous".

(2) Included with "Mechanical tubing".

Primary Iron and Steel

Table 12 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	Carbon	January 1957	
			Alloy	Stainless
Pig iron -				
Foundry	United Kingdom	11	-	-
Silvery	United States	1,394	-	-
Ingots	United States	49	23	-
Billets, blooms, slabs and sheet bars	United States	225	78	142.6
Tube rounds and tube billets	United Kingdom	-	4	-
	United States	1,076	-	-
Bars and sections -				
Hot rolled, n.o.p.	United States	5,401	524	27.6
	United Kingdom	903	63	1.3
	Germany	20	9	-
	Belgium	615	-	-
	France	627	-	-
	Sweden	-	-	2.0
	Austria	15	-	-
Hot rolled -				
For agricultural implements	United States	91	65	-
Rounds over 4 7/8", squares over 4"	United States	551	39	2.3
	United Kingdom	9	1	-
Concrete reinforcing bars	United States	4,585	-	-
	Belgium	1,798	-	-
	France	360	-	-
Sash or casement sections	United States	284	-	-
Cold finished, n.o.p.	United States	574	396	21.9
	United Kingdom	151	-	6.8
	Germany	-	8	-
	Belgium	281	-	-
	Sweden	6	-	.5
Cold finished, for agricultural implements	United States	196	1	-
Tool steel	United States	290	86	-
	United Kingdom	28	43	-
	Austria	-	2	-
	Sweden	-	23	-

Structurals -

W.F. beams, 8" and over

United States

19,233

-

-

W.F. beams, under 8"

Germany

159

-

-

Sheet piling

Belgium

1,026

-

-

All other

United States

660

-

-

.....

United States

79

-

-

.....

Belgium

591

-

-

.....

United States

12,360

-

-

.....

United Kingdom

2,297

-

-

.....

Germany

575

-

-

.....

Belgium

2,047

-

-

.....

France

763

-

-

.....

Norway

514

-

-

.....

United States

1,127

-

27.5

.....

United Kingdom

442

-

-

.....

Belgium

765

-

-

.....

France

232

-

-

.....

Norway

55

-

-

.....

Sweden

-

-

1.0

Plates -

78" and under in width

United States

11,098

131

176.4

.....

United Kingdom

1,370

-

13.8

.....

Germany

651

-

-

.....

Belgium

166

-

-

.....

France

87

-

-

.....

Japan

2,041

-

-

.....

United States

3,654

-

8.3

.....

United Kingdom

1,187

-

-

.....

Germany

628

-

-

.....

Japan

223

-

-

.....

United States

855

-

20.6

.....

United Kingdom

14

-

-

.....

United States

416

-

10.9

.....

United Kingdom

2

-

-

.....

United States

325

-

2.1

.....

United States

1,146

-

-

Sheets -

Silicon .075 or more

United States

-

2,270

-

.....

United States

1,218

-

-

.....

United Kingdom

16

-

-

.....

United States

139

-

-

.....

United States

13,748

-

-

.....

United States

7,218

43

15.7

.....

United Kingdom

526

-

8.6

.....

Sweden

-

-

12.0

.....

United States

-

3

.2

.....

United States

-

-

-

Primary Iron and Steel

Table 12 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	January 1957		Stainless
		Carbon	Alloy	
(Tons of 2,000 pounds)				
Cold rolled - 18 gauge and heavier Lighter than 18 gauge For motor vehicles For hollow-ware (vitreous enamel) Coated with paint, tar, asphaltum, etc. For saws Wasters and rejects Tin plate - Primes Terne plate - Long Short.....	United States	1,108	-	76.6
	United Kingdom	170	-	130.8
	United States	1,118	-	108.3
	United Kingdom	263	-	25.4
	United States	1,046	-	-
	United States	1,378	-	-
	United Kingdom	98	-	-
	United States	117	-	-
	United States	1	62	-
	United States	538	-	-
Lighter than 18 gauge Cold rolled - 18 gauge and heavier Lighter than 18 gauge For saws For shoe and corset laces, buckles, etc. For motor vehicles For hoops Coated with paint, tar, asphaltum, etc. Hoop band, or strip, galvanized Silicon, .075 or more	United States	1,760	-	-
	United Kingdom	310	-	-
	United States	158	-	-
	United States	933	-	-
	United Kingdom	6	-	-
	Belgium	3	-	-
	United States	179	-	-
	United States	59	51	30.2
	Sweden	-	16	-
	United States	99	5	56.5
Lighter than 18 gauge Cold rolled - 18 gauge and heavier Lighter than 18 gauge For saws For shoe and corset laces, buckles, etc. For motor vehicles For hoops Coated with paint, tar, asphaltum, etc. Hoop band, or strip, galvanized Silicon, .075 or more	Sweden	15	1	-
	United States	-	74	-
	United Kingdom	-	3	-
	Sweden	-	21	-
	United States	56	-	-
	United Kingdom	7	-	-
	United States	363	-	-
	United States	133	-	-
	United Kingdom	2	-	-
	United States	611	-	-
Lighter than 18 gauge Cold rolled - 18 gauge and heavier Lighter than 18 gauge For saws For shoe and corset laces, buckles, etc. For motor vehicles For hoops Coated with paint, tar, asphaltum, etc. Hoop band, or strip, galvanized Silicon, .075 or more	United Kingdom	3	-	-
	Germany	1	-	-
	United States	282	-	-
	United Kingdom	21	-	-
	United States	-	599	-

Skelp -	United States	14,951
12" and under in width	United States	14,951
Over 12" in width	United States	1,361
Plate for pipe	United States	7,819
Pipes and tubes -		
Spiral weld pipe	United States	123
For bedstead	United States	1
Cast	United States	7
	United Kingdom	1,555
	Germany	8
Repair of pressure parts of boilers -		
Seamless, hot finished	United States	341
	United Kingdom	96
	Sweden	13
Cold drawn	United States	103
	United Kingdom	1
	Sweden	4
Welded	United States	109
	United Kingdom	63
Seamless, 12" and under in diameter -		
Cold drawn	United States	1,187
	United Kingdom	81
	Sweden	1
Hot finished	United States	402
	United Kingdom	297
Seamless, over 12" in diameter -		
Hot finished	United States	455
	United Kingdom	55
Welded, 4" and under in diameter	United States	951
	United Kingdom	343
	France	58
Welded, over 4" in diameter	United States	43,289
	United Kingdom	12,222
	United States	380
Conduit	United States	9,340
Casings	United Kingdom	3,404
	Germany	366
	Belgium	432
	France	460
	Japan	3,965
	Czechoslovakia	559
Tubing -		
Not over 1/2" diameter, welded and coated	United States	30
Wire rope	United States	70
	United Kingdom	159
	Germany	57
	Belgium	3
	Netherlands	20

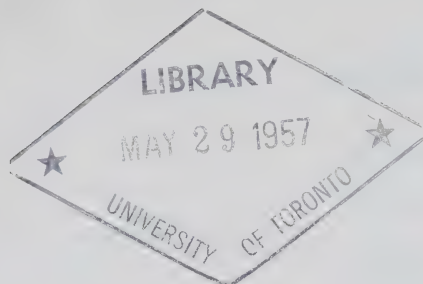
Primary Iron and Steel

Table 12 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	January 1957		
		Carbon	Alloy	Stainless
(Tons of 2,000 Pounds)				
Wire -				
For rope	United States	254	-	.5
	United Kingdom	1,674	-	-
	Germany	36	-	-
For springs, cushions, mattresses, etc.	United States	116	-	-
For corset clasps, dress stays, etc.	United States	27	-	-
	United Kingdom	1	-	-
For fencing (galvanized)	United Kingdom	10	-	-
Coated or covered	United States	108	-	-
	United States	136	-	-
	United Kingdom	10	-	-
	France	287	-	-
All other	United States	5	6	13.2
	United Kingdom	1	-	-
	Germany	89	-	-
	Belgium	101	-	-
	France	-	-	.2
	Sweden	-	-	-
Wire rods, not over 3/8" in diameter	United States	160	-	-
	United Kingdom	56	-	-
Welding wire and welding rods	United States	135	7	-
Axles - For railway vehicles	United States	21	-	-
	United Kingdom	10	-	-
Tires - For railway rolling stock	United States	1	-	-
	United Kingdom	87	-	-
Wheels - For railway rolling stock	United Kingdom	1,092	-	-
Rails -				
60 lb. and under	United States	222	-	-
	Germany	169	-	-
Over 60 lb. and including 100 lb.	United States	83	-	-
Over 100 lb.	United States	36	-	-
Track material -				
Fish plates, angle bars, etc.	United States	12	-	-
	Germany	7	-	-
Switch points, etc.	United States	10	-	-
Total imports	United States	178,942	4,899	767.7
	All other	51,256	271	263.0
TOTAL		230,198	5,170	1,030.7

Table 13 - Exports of Primary Iron and Steel

January, 1957	
(Tons of 2,000 pounds)	
Pig iron	23,414
Ingots, blooms and billets	7,196
Bars	2,001
Rods	1,355
Plates, sheets and strips	9,938
Rails	22,079
Structural shapes	520
Pipe and tubing - Wrought iron	2
Cast iron	16
Galvanized	-
Other	168
Castings, iron and steel	1,409
Forgings	390
Total	68,488



PRIMARY IRON AND STEEL

FEBRUARY, 1957

Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-27

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 2

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	February, 1957	Two months ended February, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	87,062	189,228
(b) From foreign mines	302,476	616,428
Pyrite cinder	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	61,675	120,946
(b) From foreign mines	-	-
(c) From own processing	86,754	174,925
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	16,892	34,028
Scrap iron and steel	11,429	21,599
Limestone	91,771	187,498
Dolomite	27,217	56,838
Coke	251,111	518,346

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, February

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	242,627	1,017	265,957	15,729
Foundry (including silvery pig)	8,041	11,457	3,217	5,750
Malleable	17,789	18,054	22,567	11,867
Total pig iron	268,457	30,528	291,741	33,346
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	169,179		156,999	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 7.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Two Months Ended February

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u> -				
Basic	501,195	1,290	551,539	33,283
Foundry (including silvery pig)	17,945	21,416	12,283	13,415
Malleable	34,401	36,639	32,815	24,810
Total pig iron	553,541	59,345	596,637	71,508
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 7.

Table 4 - Description of Iron Blast Furnaces at End of February, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,789,675	89.8
Banked	-	-	-
Blown out	3	432,200	10.2
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Pig Iron and Scrap Charged to Steel Furnaces

	February		Two months ended February	
	1 9 5 6	1 9 5 7	1 9 5 6	1 9 5 7
(Net tons of 2,000 pounds)				
Pig iron	215,281	236,098	451,267	500,842
Scrap - Own make	103,789	115,860	212,552	237,820
Purchased	111,084	113,450	234,825	241,325
Total pig iron and scrap	430,154	465,408	898,644	979,987

Table 6 - Production and Shipments of Steel Ingots and Castings, February

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	349,013	138	373,653	453
Electric	42,274	18	39,782	3,001
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	391,287	156	413,435	3,454
Alloy steel ingots included in above	15,741	-	23,125	130
<u>Steel castings</u>				
Open hearth - basic	2,781	2,497	2,375	2,243
Electric	6,540	5,227	8,357	7,941
Other	30	21	1	1
Total steel castings	9,351	7,745	10,733	10,185
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	183	148	265	255
(b) High alloy, manganese and abrasion resistant	1,494	1,332	1,980	1,940
(c) All other alloys	373	297	650	481
Total alloy castings	2,050	1,777	2,895	2,676

* Includes amounts for sale and for own use.

(1) Included with basic open hearth.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 7 - Production and Sales of Steel Ingots and Castings, Two Months Ended February

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	726,245	423	790,147	965
Electric	90,209	81	79,728	16,738
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	816,454	504	869,875	17,703
Alloy steel ingots included in above	32,113	-	53,050	261
<u>Steel castings</u>				
Open hearth - basic	5,326	4,750	4,892	4,763
Electric	12,505	10,132	16,821	16,179
Other	53	36	85	82
Total steel castings	17,884	14,918	21,798	21,024
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	363	288	487	479
(b) High alloy, manganese and abrasion resistant	2,775	2,561	3,578	3,492
(c) All other alloys	708	520	1,350	1,086
Total alloy castings	3,846	3,369	5,415	5,057

* Includes amounts for sale and for own use.

(1) Included with basic open hearth.

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
- Electric	685,000
- Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 9 - Disposition of Shipments* of Steel Castings

	February, 1957		Two months ended February, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Tons of 2,000 pounds)			
Direct export (a) British Empire	-	96	-	96
(b) All other	5	276	5	508
Automotive industries	600	37	667	59
Agricultural, incl. imp. & eq ^l pt. mfrs. ..	130	15	263	15
Machinery & tools	1,369	316	3,028**	730
Mining, lumbering and quarrying industries	795	1,363	1,667**	2,498**
Oil and gas, including refineries	119	43	187	65
National defence	3	17	14	32
Public works and public utilities	57	50	261	95
R. R. operating	468	167	1,434	345
R. R. cars and locomotives	3,225	78	7,095	176
Shipbuilding	131	1	164	1
Miscellaneous and unclassified	607	217	1,182	437
Total shipments	7,509	2,676	15,967**	5,057**

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

** Revised.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	48,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months .	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		29,925	2,520	32,445
February	291,741		23,125	2,895	26,020
Total two months	596,637		53,050	5,415	58,465

(1) First quarter. (2) Second quarter. (3) Third quarter. (4) Fourth quarter.

(c) Rolled Steel Products

Table 11 - Production and Disposition of Shipments of Rolled Steel Products, February, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
	(Net tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	21,300	22,053	21,733	320
(b) For forging and piercing	9,920	11,528	-	11,528
Rails	27,566	23,759	-	23,759
Wire rods	26,372	27,207	-	27,207
Structural shapes:				
(a) Heavy, including piling	19,413	22,439	-	22,439
(b) Light	8,072	6,373	-	6,373
Concrete reinforcing bars	26,807	26,410	-	26,410
Other hot rolled bars	36,571	35,716	969	34,747
Tie plates and track material:				
(a) Angle bars	1,930	2,039	-	2,039
(b) Tie plates	6,679	8,231	-	8,231
(c) Track spikes	1,082	1,153	-	1,153
Plates	39,795	40,836	-	40,836
Hot rolled sheets and strip	124,778	125,003	78,078	46,925
Total all hot rolled products	350,285	352,747	100,780	251,967
<u>Cold rolled and coated</u>				
Cold finished bars	3,200	3,374	-	3,374
Cold reduced strip	4,023	3,885	-	3,885
Cold reduced sheets, tin mill black plate and tin plate	82,654	96,180	39,646	56,534
Galvanized sheets	11,888	12,495	-	12,495
Total all cold rolled and coated	101,765	115,934	39,646	76,288
Grand total all carbon products	452,050	468,681	140,426	328,255
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	914	751	-	751
Alloy plates	491	386	-	386
Other hot rolled bars including high-speed steel, and alloy tool steel	8,319	8,672	-	8,672
Structurals	4	1	-	1
Cold finished bars	633	699	-	699
Wire rods	111	127	-	127
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	1,691	1,823	-	1,823
Total all alloy products	12,163	12,459	-	12,459

(c) Rolled Steel Products

Table 12 - Production and Disposition of Shipments of Rolled Steel Products, Two Months Ended February, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
	(Net tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	40,952	35,530	35,210	320
(b) For forging and piercing	18,513	19,292	-	19,292
Rails	59,198	55,765	-	55,765
Wire rods	54,718	54,422	-	54,422
Structural shapes:				
(a) Heavy, including piling	39,382	45,793	-	45,793
(b) Light	14,561	11,732	-	11,732
Concrete reinforcing bars	49,911	48,741	-	48,741
Other hot rolled bars	80,671	77,197	2,999	74,198
Tie plates and track material:				
(a) Angle bars	4,446	4,171	-	4,171
(b) Tie plates	15,917	17,500	-	17,500
(c) Track spikes	2,362	2,344	-	2,344
Plates	83,781	85,426	-	85,426
Hot rolled sheets and strip	263,904	266,464	156,974	109,488
Total all hot rolled products	728,316	724,375	195,183	529,192
<u>Cold rolled and coated</u>				
Cold finished bars	6,943	6,987	-	6,987
Cold reduced strip	8,415	8,481	-	8,481
Cold reduced sheets, tin mill black plate and tin plate	164,177	177,467	74,743	102,724
Galvanized sheets	22,218	23,523	-	23,523
Total all cold rolled and coated	201,753	216,458	74,743	141,715
Grand total all carbon products	930,069	940,833	269,926	670,907
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	66	-	66
(b) For forging and piercing	1,294	1,205	-	1,205
Alloy plates	1,030	752	-	752
Other hot rolled bars including high-speed steel, and alloy tool steel	20,244	20,447	7	20,440
Structurals	45	34	-	34
Cold finished bars	1,216	1,284	-	1,284
Wire rods	236	225	-	225
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	3,665	4,092	-	4,092
Total all alloy products	27,730	28,105	7	28,098

Table 13 - Disposition of Shipments* of Rolled Steel Products

	February, 1957		Two months ended February, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	34,984	530	71,263	983
Direct export:				
(a) British Empire	419	585	761	1,101
(b) All other	16,486	849	41,096	1,792
Automotive industries	14,623	5,379	29,979	11,895
Agricultural, including implement and equipment manufacturers	5,206	73	11,743	128
Building construction	53,474	58	105,631	101
Container industry	34,489	8	54,436	13
Machinery and tools	19,126	1,720	42,768	3,107
Merchant trade products	35,610	372	75,304	701
Mining, lumbering, etc.	7,318	1,402	11,396	5,024
National defence	587	207	1,352	406
Pressing, forming and stamping	14,721	745	30,882	1,283
Public works and utilities	7,020	-	9,426	-
Railway operating	23,310	78	54,628	195
Railway cars and locomotives	21,597	420	42,400	1,325
Shipbuilding	1,809	33	3,983	44
Pipes and tubes	36,809	-	81,881	-
Miscellaneous and unclassified	667	-	1,978	-
Net shipments	328,255	12,459	670,907	28,098

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account the totals shown are not comparable with previous years - See Tables 9 and 14.

Table 14 - Production and Shipments of Steel Pipe, Tubing and Fittings

	February, 1957		Two months ended February, 1957	
	Made	Shipped	Made	Shipped
	(Net tons of 2,000 pounds)			
Pipe and tubing by process:				
Electricweld	25,195	23,082	45,094	45,229
Other (including seamless and butt weld)	17,863	18,422	32,938	32,124
Total	43,058	41,504	78,032	77,353
Pipe and tubing by class:				
Standard and line pipe	37,355	36,419	59,767	61,706
Oil country goods	(1)	(1)	(1)	(1)
Pressure tubing	(2)	(2)	(2)	(2)
Mechanical tubing	3,508	3,126	7,136	6,960
Miscellaneous	2,195	1,959	11,129	8,687
Total	43,058	41,504	78,032	77,353
Steel pipe fittings:				
Buttweld fittings	374	420	732	853
Other (including flanges and flanged fittings)	412	368	796	718
Total	786	788	1,528	1,571

(1) Included with "Miscellaneous".

(2) Included with "Mechanical tubing".

Primary Iron and Steel

Table 15 - Imports of Primary Forms of Iron and Steel, February, 1957, and Year to Date

Commodity	Country of origin	February, 1957		Year to date	
		Carbon	Alloy	Carbon	Alloy
		(Tons of 2,000 pounds)			
Pig iron -					
Foundry	United States	226	-	226	-
	United Kingdom	-	-	11	-
Silvery	United States	63	-	1,457	-
Ingots	United States	52	166	101	189
Billets, blooms, slabs and sheet bars	United States	178	42	403	120
	United Kingdom	-	4	-	8
Tube rounds and tube billets	United States	1,507	-	2,583	-
Bars and sections -					
Hot rolled, n.o.p.	United States	3,651	330	9,052	854
	United Kingdom	303	57	1,206	120
	Germany	33	-	53	9
	Belgium	131	-	746	-
	France	116	-	743	-
	Sweden	-	5	-	5
	Austria	-	-	15	-
	United States	33	-	124	65
	United States	356	1	907	40
	United Kingdom	70	6	79	7
	United States	5,398	-	9,983	-
	Belgium	1,739	-	3,537	-
	France	-	-	360	-
	Chile	163	-	163	-
	United States	83	-	367	-
	United Kingdom	5	-	5	-
	United States	7,362	56	7,936	452
	United Kingdom	101	-	252	-
	Germany	2	-	2	8
	Belgium	258	-	539	-
	Sweden	-	-	6	-
	United States	172	-	368	1
	United States	215	75	505	161
	United Kingdom	18	53	46	96
	Austria	-	-	-	2
	Sweden	-	5	-	28
Hot rolled -					
For agricultural implements	United States	33	-	124	65
Rounds over 4 7/8", squares over 4" ...	United States	356	1	907	40
	United Kingdom	70	6	79	7
Concrete reinforcing bars	United States	5,398	-	9,983	-
	Belgium	1,739	-	3,537	-
	France	-	-	360	-
	Chile	163	-	163	-
	United States	83	-	367	-
	United Kingdom	5	-	5	-
	United States	7,362	56	7,936	452
	United Kingdom	101	-	252	-
	Germany	2	-	2	8
	Belgium	258	-	539	-
	Sweden	-	-	6	-
	United States	172	-	368	1
	United States	215	75	505	161
	United Kingdom	18	53	46	96
	Austria	-	-	-	2
	Sweden	-	5	-	28
Cold finished, for agricultural implements	United States	172	-	368	1
Tool steel	United States	215	75	505	161
	United Kingdom	18	53	46	96
	Austria	-	-	-	2
	Sweden	-	5	-	28

W.F. beams, 8" and over

W.F. beams, 8" and over	United States	16,682	-	-	35,915
	United Kingdom	50	-	-	50
	Germany	142	-	-	301
	Belgium	477	-	-	1,503
W.F. beams, under 8"	United States	851	-	-	1,501
Sheet piling	United States	257	-	-	336
	Belgium	-	-	-	591
All other	United States	9,907	-	-	22,267
	United Kingdom	655	-	-	2,952
	Germany	71	-	-	646
	Belgium	1,217	-	-	3,264
	France	493	-	-	1,256
	Norway	-	-	-	514
Bar size angles, channels, etc.:	United States	1,600	-	19.9	2,727
	United Kingdom	210	-	-	652
	Belgium	179	-	-	944
	France	-	-	-	232
	Norway	-	-	-	55
	Sweden	-	-	-	-
For agricultural implements	United States	26	-	-	1.0
			-	-	26

78" and under in width

78" and under in width	United States	11,009	228	144.2	22,107	359	320.8
	United Kingdom	1,119	-	50.0	2,489	-	63.8
	Germany	186	-	-	837	-	-
	Belgium	254	-	-	420	-	-
	France	29	-	-	116	-	-
	Japan	1,000	-	-	3,041	-	-
	Czechoslovakia	163	-	-	163	-	-
	Australia	3,251	-	-	3,251	-	-
	Chile	1,223	-	-	1,223	-	-
Over 78" and under 100" in width	United States	3,995	6	1.7	7,649	6	10.0
	United Kingdom	865	-	3.4	2,052	-	3.4
	Germany	-	-	-	628	-	-
	Belgium	292	-	-	292	-	-
	Japan	-	-	-	223	-	-
100" in width and over	United States	1,005	-	3.2	1,860	-	23.8
	United Kingdom	401	29	-	415	29	-
Flanged, dished or curved	United States	305	-	5.8	721	-	16.7
	United Kingdom	-	-	-	2	-	-
Boiler, pulp-mill digesters	United States	345	-	-	670	-	2.1
	United Kingdom	16	-	-	16	-	-
Chequered or surface pattern	United States	794	-	-	1,940	-	-
	United Kingdom	255	-	-	255	-	-

Table 15 - Imports of Primary Forms of Iron and Steel, February, 1957, and Year to Date (Continued)

Commodity	Country of origin	February, 1957			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets -							
Silicon .075 or more	United States	-	1,622	-	-	3,892	-
Galvanized	United States	524	-	-	1,742	-	-
	United Kingdom	6	-	-	22	-	-
Corrugated	United States	388	-	-	527	-	-
For tubes	United States	203	-	-	13,951	-	-
Hot rolled -							
18 gauge and heavier	United States	7,125	64	45.5	14,343	107	61.2
	United Kingdom	60	-	7.9	586	-	16.5
	Sweden	-	-	-	-	-	12.0
	Netherlands	32	-	-	32	-	-
Lighter than 18 gauge	United States	110	27	37.2	110	30	37.4
Cold rolled -							
18 gauge and heavier	United States	978	19	36.4	2,086	19	113.0
	United Kingdom	75	-	106.9	245	-	237.7
Lighter than 18 gauge	United States	1,018	1	40.4	2,136	1	148.7
	United Kingdom	32	-	89.4	295	-	114.8
For motor vehicles	United States	1,107	-	-	2,153	-	-
For hollow-ware (vitreous enamel)	United States	1,124	-	-	2,502	-	-
	United Kingdom	92	-	-	190	-	-
Coated with paint, tar, asphaltum, etc. .	United States	202	-	-	319	-	-
For saws	United States	-	54	-	1	116	-
	United Kingdom	-	3	-	-	3	-
	Sweden	-	1	-	-	1	-
Wasters and rejects	United States	260	-	-	798	-	-
Tin mill black plate	United States	3	-	-	3	-	-
Tin plate - Primes	United States	-	-	-	70	-	-
	United Kingdom	-	-	-	1,760	-	-
Tin plate - Electrolytic coating	United States	27	-	-	27	-	-
Terne plate - Long	United States	680	-	-	990	-	-
Short	United States	92	-	-	250	-	-

Strip -							
Hot rolled -							
18 gauge and heavier	United States	1,032	5	1.0	1,965	5	1.0
	United Kingdom	-	-	-	6	-	-
	Belgium	-	-	-	3	-	-
Lighter than 18 gauge	United States	49	-	.1	228	-	.1
Cold rolled -							
18 gauge and heavier	United States	167	6	40.2	226	57	70.4
	United Kingdom	33	-	-	33	-	-

Lighter than 18 gauge										91.7
For saws	United States	153	9	35.2	252	14	-	-	-	-
	United Kingdom	8	-	-	8	-	-	-	-	-
	Sweden	1	7	.1	16	8	-	-	-	.1
	United States	-	24	-	-	98	-	-	-	-
	United Kingdom	-	1	-	-	4	-	-	-	-
For shoe and corset laces, buckles, etc..	Sweden	-	10	-	-	31	-	-	-	-
	United States	17	-	-	73	-	-	-	-	-
	United Kingdom	-	-	-	7	-	-	-	-	-
For motor vehicles	United States	372	-	-	735	-	-	-	-	-
For hoops	United States	44	-	-	177	-	-	-	-	-
	United Kingdom	22	-	-	24	-	-	-	-	-
Coated with paint, tar, asphaltum, etc. .	United States	574	-	-	1,185	-	-	-	-	-
	United Kingdom	6	-	-	9	-	-	-	-	-
	Germany	26	-	-	27	-	-	-	-	-
Hoop band, or strip, galvanized	United States	124	-	-	406	-	-	-	-	-
	United Kingdom	28	-	-	49	-	-	-	-	-
	United States	-	551	-	-	1,150	-	-	-	-
Silicon .075 or more										-
Skelp -										-
12" and under in width	United States	7,549	-	-	22,500	-	-	-	-	-
	United States	2,076	-	-	3,437	-	-	-	-	-
	United States	6,694	-	-	14,513	-	-	-	-	-
	Plate for pipe	-	-	-	-	-	-	-	-	-
Pipes and tubes -										-
Spiral weld pipe	United States	204	-	-	327	-	-	-	-	-
	United States	-	-	-	1	-	-	-	-	-
	Germany	-	-	-	1	-	-	-	-	-
For bed stead	United States	145	-	-	152	-	-	-	-	-
	United Kingdom	1,327	-	-	2,882	-	-	-	-	-
	Germany	10	-	-	18	-	-	-	-	-
Cast	United States	426	104	-	767	107	-	-	-	-
	United Kingdom	31	-	-	127	-	-	-	-	-
	Sweden	-	-	-	13	-	-	-	-	-
Repair of pressure parts of boilers -	United States	26	18	.1	129	47	-	-	-	.4
	United Kingdom	15	-	-	16	-	-	-	-	-
	Sweden	-	-	-	4	-	-	-	-	-
Cold drawn	United States	129	-	32.2	238	-	-	-	-	32.2
	United Kingdom	63	-	-	126	-	-	-	-	-
	Sweden	-	-	-	-	-	-	-	-	-
Welded	United States	630	69	28.9	1,817	227	-	-	-	40.8
	United Kingdom	243	13	11.2	324	13	-	-	-	69.6
	Sweden	-	19	5.2	1	96	-	-	-	7.4
Seamless, 12" and under in diameter -	United States	770	224	.9	1,172	470	-	-	-	1.5
	United Kingdom	510	-	-	807	-	-	-	-	-
	Italy	1	-	-	1	-	-	-	-	-
Cold drawn										-
Hot finished	United States	630	69	28.9	1,817	227	-	-	-	40.8
	United Kingdom	243	13	11.2	324	13	-	-	-	69.6
	Sweden	-	19	5.2	1	96	-	-	-	7.4
Seamless, 12" and under in diameter -	United States	770	224	.9	1,172	470	-	-	-	1.5
	United Kingdom	510	-	-	807	-	-	-	-	-
	Italy	1	-	-	1	-	-	-	-	-

Primary Iron and Steel

Table 15 - Imports of Primary Forms of Iron and Steel, February, 1957, and Year to Date (Concluded)

Commodity	Country of origin	February, 1957			Year to date		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (Concluded - Seamless, over 12" in diameter - Hot finished	United States United Kingdom Italy	513 107 6	- - -	- - -	968 162 6	- - -	- - -
Welded, 4" and under in diameter	United States United Kingdom France	882 151 1	- - -	5.2 - -	1,833 494 59	- - -	9.6 - -
Welded, over 4" in diameter	United States United Kingdom	13,721 4,606	- -	13.5 -	57,010 16,828	- -	19.1 -
Conduit	United States	83	-	-	463	-	-
Casings	United States United Kingdom Germany Belgium France Japan Czechoslovakia Italy	8,884 1,047 860 301 786 3,705 1,420 2,480	- - - - - - - -	- - - - - - - -	18,224 4,451 1,226 733 1,246 7,670 1,979 2,480	- - - - - - - -	- - - - - - - -
Tubing - Not over 1/2" diameter, welded and coated	United States	25	-	-	55	-	-
Wire rope	United States United Kingdom Germany Belgium Japan Netherlands Sweden	48 221 45 5 18 14 2	- - - - - - -	.4 - - - - - -	118 380 102 8 18 34 2	- - - - - - -	1.7 - - - - - -
Wire - For rope	United States United Kingdom Germany	188 1,149 21	- - -	.2 - -	442 2,823 57	- - -	.7 - -
For springs, cushions, mattresses, etc. . For corset clasps, dress stays, etc.	United States United States United Kingdom	60 4 -	- - -	- - -	176 31 1	- - -	- - -
For fencing (galvanized)	United Kingdom	33	-	-	43	-	-
Coated or covered	United States United Kingdom	71 53	- -	.9 -	179 180	- -	.9 -

Table 16 - Imports of Primary Forms of Iron and Steel, by Country of Origin

Country of origin	January, 1957			February, 1957			Year to date		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)									
United States ..	178,942	4,899	767.7	126,592	3,727	663.8	305,534	8,626	1,431.5
United Kingdom .	30,633	114	245.1	15,720	168	289.1	46,353	282	534.2
Australia	-	-	-	3,251	-	-	3,251	-	-
Austria	15	2	-	-	-	-	15	2	-
Belgium (1)	7,816	-	-	4,914	-	-	12,730	-	-
Chile	-	-	-	1,386	-	-	1,386	-	-
Czechoslovakia .	559	-	-	1,583	-	-	2,142	-	-
Denmark	-	-	-	4	-	-	4	-	-
France	2,698	-	-	1,425	-	-	4,123	-	-
Germany	2,678	17	-	1,629	-	-	4,307	17	-
Italy	-	-	-	2,487	-	-	2,487	-	-
Japan	6,229	-	-	4,723	-	-	10,952	-	-
Netherlands	20	-	-	46	-	-	66	-	-
Norway	569	-	-	-	-	-	569	-	-
Sweden	39	138	17.9	3	47	5.3	42	185	23.2
Total	230,198	5,170	1,030.7	163,763	3,942	958.2	393,961	9,112	1,988.9

(1) Includes Luxembourg.

Table 17 - Exports of Primary Iron and Steel

	February, 1957	Two months ended February, 1957
(Tons of 2,000 pounds)		
Pig iron	7,583	30,997
Ingots, blooms and billets	7,076	14,272
Bars	1,151	3,152
Rods	40	395*
Plates, sheets and strips	4,271	14,209
Rails	677	23,885*
Structural shapes	111	631
Pipe and tubing - Wrought iron	12	14
Cast iron	2	18
Galvanized	-	-
Other	58	226
Castings, iron and steel	1,413	2,822
Forgings	335	725
Total	22,729	91,346*

* Revised.



CANADA

PRIMARY IRON AND STEEL

MARCH, 1957



Published by Authority of
The Right Honourable C. D. Howe, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	March, 1957	Three months ended March, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	102,594	291,822
(b) From foreign mines	334,448	950,876
Pyrite cinder	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	76,564	197,510
(b) From foreign mines	-	-
(c) From own processing	96,537	271,462
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	22,628	56,656
Scrap iron and steel	16,881	38,480
Limestone	103,614	291,112
Dolomite	27,926	84,764
Coke	286,110	804,456

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, March

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	242,263	3,962	310,831	22,415
Foundry (including silvery pig)	17,722	11,274	4,958	6,358
Malleable	32,657	22,863	18,921	9,612
Total pig iron	292,642	38,099	334,710	38,385
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	177,923		181,878	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Three Months Ended March

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	743,458	5,252	862,370	55,698
Foundry (including silvery pig)	35,667	32,690	17,241	19,773
Malleable	67,058	59,502	51,736	34,422
Total pig iron	846,183	97,444	931,347	109,893
<u>Ferro-alloys</u>	58,148	58,458	50,045	48,707

* Includes amounts for sale and for own use.

Table 4 - Description of Iron Blast Furnaces at End of March, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	14	3,972,175	94.1
Banked	-	-	-
Blown out	2	249,700	5.9
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings.	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	March		Three months ended March	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	240,460	266,950	691,727	767,792
Scrap - Own make	120,288	121,981	332,840	359,801
Purchased	112,429	132,723	347,254	374,048
Total pig iron and scrap	473,177	521,654	1,371,821	1,501,641

Table 7 - Production and Sales of Steel Ingots and Castings, March

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	382,403	522	420,332	1,229
Electric	47,317	37	43,559	974
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	429,720	559	463,891	2,203
Alloy steel ingots included in above	17,507	-	23,317	175
<u>Steel castings</u>				
Open hearth - basic	3,040	2,650	2,985	2,706
Electric	7,915	6,182	8,268	7,954
Other	50	40	2	2
Total steel castings	11,005	8,872	11,255	10,662
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	211	190	209	247
(b) High alloy, manganese and abrasion resistant	1,595	1,234	1,866	1,707
(c) All other alloys	351	250	582	438
Total alloy castings	2,157	1,674	2,657	2,392

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Three Months Ended March

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,108,648	945	1,210,479	2,194
Electric	137,526	118	123,287	17,712
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	1,246,174	1,063	1,333,766	19,906
Alloy steel ingots included in above	49,620	-	76,367	436
<u>Steel castings</u>				
Open hearth - basic	8,366	7,400	7,877	7,469
Electric	20,420	16,314	25,089	24,133
Other	103	76	87	84
Total steel castings	28,889	23,790	33,053	31,686
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	574	478	696	726
(b) High alloy, manganese and abrasion resistant	4,370	3,795	5,444	5,199
(c) All other alloys	1,059	770	1,932	1,524
Total alloy castings	6,003	5,043	8,072	7,449

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	March, 1957		Three months ended March, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	-	96
(b) All other	7	116	12	624
Automotive industries	66	21	733	80
Agricultural, including implement and equipment manufacturers	156	36	419	51
Machinery and tools	1,504	387	4,532	1,117
Mining, lumbering and quarrying industries ..	792	1,141	2,459	3,639
Oil and gas, including refineries	119	45	306	110
National defence	1	14	15	46
Public works and public utilities	204	97	465	192
Railway operating	931	123	2,365	468
Railway cars and locomotives	3,764	119	10,859	295
Shipbuilding	85	4	249	5
Miscellaneous and unclassified	641	289	1,823	726
Total shipments	8,270	2,392	24,237	7,449

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805

<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710		463,891	11,255	475,146
Total three months.	932,347	50,045 (1)	1,333,766	33,053	1,366,819

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

(c) Rolled Steel Products

Table 11 - Production and Disposition of Shipments of Rolled Steel Products, March, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
<u>Carbon steel</u>	(Net tons of 2,000 pounds)			
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	25,292	27,720	27,690	30
(b) For forging and piercing	10,095	10,253	-	10,253
Rails	32,134	39,919	-	39,919
Wire rods	25,963	27,903	-	27,903
Structural shapes:				
(a) Heavy, including piling	31,925	28,678	-	28,678
(b) Light	7,771	4,946	-	4,946
Concrete reinforcing bars	30,338	28,104	-	28,104
Other hot rolled bars	38,899	41,149	3,561	37,588
Tie plates and track material:				
(a) Angle bars	1,248	1,447	-	1,447
(b) Tie plates	7,567	7,503	-	7,503
(c) Track spikes	1,548	1,453	-	1,453
Plates	52,815	53,907	-	53,907
Hot rolled sheets and strip	125,626	128,833	85,851	42,982
Total all hot rolled products	391,221	401,815	117,102	284,713
<u>Cold rolled and coated</u>				
Cold finished bars	3,084	2,857	-	2,857
Cold reduced strip	4,399	4,149	-	4,149
Cold reduced sheets, tin mill black plate and tin plate	99,175	128,119	49,528	78,591
Galvanized sheets	16,574	15,484	-	15,484
Total all cold rolled and coated ..	123,232	150,609	49,528	101,081
Grand total all carbon products	514,453	552,424	166,630	385,794
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	1,001	1,094	-	1,094
Alloy plates	217	374	-	374
Other hot rolled bars, including high-speed steel and alloy tool steel	8,280	8,351	-	8,351
Structurals	4	-	-	-
Cold finished bars	758	680	-	680
Wire rods	251	156	-	156
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	2,572	2,376	-	2,376
Total all alloy products	13,083	13,031	-	13,031

Table 12 - Production and Disposition of Shipments of Rolled Steel Products, Three months Ended March, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
<u>Carbon steel</u>				
(Net tons of 2,000 pounds)				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	66,244	63,250	62,900	350
(b) For forging and piercing	28,608	29,545	-	29,545
Rails	91,332	95,684	-	95,684
Wire rods	80,681	82,325	-	82,325
Structural shapes:				
(a) Heavy, including piling	71,307	74,471	-	74,471
(b) Light	22,332	16,678	-	16,678
Concrete reinforcing bars	80,249	76,845	-	76,845
Other hot rolled bars	119,570	118,346	6,560	111,786
Tie plates and track material:				
(a) Angle bars	5,694	5,618	-	5,618
(b) Tie plates	23,484	25,003	-	25,003
(c) Track spikes	3,910	3,797	-	3,797
Plates	136,596	139,333	-	139,333
Hot rolled sheets and strip	389,530	395,295	242,825	152,470
Total all hot rolled products	1,119,537	1,126,190	312,285	813,905
<u>Cold rolled and coated -</u>				
Cold finished bars	10,027	9,844	-	9,844
Cold reduced strip	12,814	12,630	-	12,630
Cold reduced sheets, tin mill				
black plate and tin plate	263,352	305,586	124,271	181,315
Galvanized sheets	38,792	39,007	-	39,007
Total all cold rolled and coated .	324,985	367,067	124,271	242,796
Grand total all carbon products	1,444,522	1,493,257	436,556	1,056,701
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	66	-	66
(b) For forging and piercing	2,295	2,299	-	2,299
Alloy plates	1,247	1,126	-	1,126
Other hot rolled bars, including				
high-speed steel and alloy				
tool steel	28,524	28,798	7	28,791
Structurals	49	34	-	34
Cold finished bars	1,974	1,964	-	1,964
Wire rods	487	381	-	381
Hot and cold rolled sheets,				
silicon sheets and strip and				
stainless steel	6,237	6,468	-	6,468
Total all alloy products	40,813	41,136	7	41,129

Table 13 - Disposition of Shipments* of Rolled Steel Products

	March, 1957		Three months ended March, 1957	
	Carbon	Alloy	Carbon	Alloy
(Net tons of 2,000 pounds)				
Wholesalers and warehouses	35,248	788	106,511	1,771
Direct export:				
(a) British Empire	740	733	1,501	1,834
(b) All other	16,103	1,113	57,199	2,905
Automotive industries	12,980	4,613	42,959	16,508
Agricultural, including implement and equipment manufacturers	5,022	152	16,765	280
Building construction	67,897	100	173,528	201
Container industry	58,481	6	112,917	19
Machinery and tools	21,886	2,022	64,654	5,129
Merchant trade products	36,634	558	111,938	1,259
Mining, lumbering, etc.	7,757	1,727	19,153	6,751
National defence	98	123	1,450	529
Pressing, forming and stamping	14,987	630	45,869	1,913
Public works and utilities	1,731	-	11,157	-
Railway operating	40,409	41	95,037	236
Railway cars and locomotives	24,429	396	66,829	1,721
Shipbuilding	2,578	23	6,561	67
Pipes and tubes	37,767	6	119,648	6
Miscellaneous and unclassified	1,047	-	3,025	-
Net shipments	385,794	13,031	1,056,701	41,129

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill product only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Tables 9 and 14.

Table 14 - Production and Shipments of Steel Pipe, Tubing and Fittings

	March, 1957		Three months ended March, 1957	
	Made	Shipped	Made	Shipped
(Net tons of 2,000 pounds)				
Pipe and tubing by process:				
Electricweld	40,127	33,550	85,221	78,779
Other (including seamless and butt weld)	20,293	15,739	53,231	47,863
Total	60,420	49,289	138,452	126,642
Pipe and tubing by class:				
Standard and line pipe	52,835	41,772	112,602	103,478
Oil country goods	(1)	(1)	(1)	(1)
Pressure tubing	(2)	(2)	(2)	(2)
Mechanical tubing	4,324	4,061	11,460	11,021
Miscellaneous	3,261	3,456	14,390	12,143
Total	60,420	49,289	138,452	126,642
Steel pipe fittings:				
Butt weld fittings	414	439	1,146	1,292
Other (including flanges and flanged fittings)	350	300	1,146	1,018
Total	764	739	2,292	2,310

(1) Included with "Miscellaneous".

(2) Included with "Mechanical tubing".

Table 15 - Exports of Primary Iron and Steel

	March, 1957	Three months ended March, 1957
	(Net tons of 2,000 pounds)	
Pig iron	3,319	34,316
Ingots, blooms and billets	856	15,128
Bars	1,296	4,448
Rods	64	459
Plates, sheets and strips	5,657	19,866
Rails	19,302	43,187
Structural shapes	374	1,005
Pipe and tubing - Wrought iron	3,320	3,334
Cast iron	-	18
Galvanized	2	2
Other	301	527
Castings, iron and steel	1,775	4,597
Forgings	461	1,186
Total	36,727	128,073

Primary Iron and Steel

Table 16 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	March, 1957		Three months ended March, 1957			
				(Tons of 2,000 pounds)			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
Pig iron -							
Basic	United States	-	-	-	-	-	-
Foundry	United States	167	-	-	393	-	-
	United Kingdom	-	-	-	11	-	-
	Australia	146	-	-	146	-	-
Malleable	United States	34	-	-	34	-	-
Silvery	United States	67	-	-	1,524	-	-
Ingots.....	United States	-	59	-	101	248	3.7
Billets, blooms, slabs and sheet bars ..	United States	370	141	108.3	773	261	363.7
	United Kingdom	-	6	-	-	14	-
	Sweden	-	4	-	-	4	-
Tube rounds and tube billets	United States	2,154	-	-	4,737	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	4,311	85	4.4	13,363	939	63.8
	United Kingdom	126	77	3.4	1,332	197	15.0
	Austria	-	-	-	15	-	-
	Belgium	204	-	-	950	-	-
	France	29	-	-	772	-	-
	Germany	-	-	-	53	9	-
	Sweden	-	-	-	-	5	2.0
Hot rolled -							
For agricultural implements	United States	25	-	-	149	65	-
Rounds over 4 7/8", squares over 4".	United States	850	3	-	1,757	43	2.4
	United Kingdom	1	26	1.1	80	33	1.7
Concrete reinforcing bars	United States	1,367	-	-	11,350	-	-
	Belgium	802	-	-	4,339	-	-
	Chile	-	-	-	163	-	-
	France	413	-	-	773	-	-

Sash or casement sections	United States	674	-	-	1,041	-	-	-
	United Kingdom	67	-	-	72	-	-	-
	Belgium	6	-	-	6	-	-	-
Cold finished, n.o.p.	United States	440	233	5.3	1,750(1)	685	46.4	
	United Kingdom	124	-	6.8	376	-	23.0	
	Belgium	11	-	-	550	-	-	
	Germany	-	-	-	2	8	-	
	Sweden	-	-	.1	6	-	.6	
Cold finished, for agricultural implements	United States	108	-	-	476	1	-	
Tool steel	United States	193	42	-	698	203	-	
	United Kingdom	91	58	-	137	154	-	
	Austria	-	-	-	-	2	-	
	Germany	-	38	-	-	38	-	
	Sweden	-	6	-	-	34	-	
<hr/>								
Structurals -	United States	21,004	-	-	56,919	-	-	11
W.F. beams, 8" and over	United Kingdom	-	-	-	50	-	-	
	Belgium	844	-	-	2,347	-	-	
	France	37	-	-	37	-	-	
	Germany	534	-	-	835	-	-	
W.F. beams, under 8"	United States	918	-	-	2,429	-	-	
	Belgium	115	-	-	115	-	-	
Sheet piling	United States	263	-	-	599	-	-	
	United Kingdom	389	-	-	389	-	-	
	Belgium	328	-	-	919	-	-	
	France	226	-	-	226	-	-	
All other	United States	10,264	-	-	32,531	-	-	
	United Kingdom	772	-	-	3,724	-	-	
	Belgium	2,321	-	-	5,585	-	-	
	France	443	-	-	1,699	-	-	
	Germany	25	-	-	671	-	-	
	Norway	-	-	-	514	-	-	

(1) Revised. February reported as 7,362 tons should have read 736 tons.

Table 16 - Imports of Primary Forms of Iron and Steel (Continued)

- 12 -

100" in width and over	United States	779	35	1.7	2,639	35	25.5
	United Kingdom	205	-	-	620	29	-
Flanged, dished or curved	United States	143	-	31.5	864	-	48.2
	United Kingdom	-	-	-	2	-	-
Boiler, pulp-mill digesters	United States	295	-	-	965	-	2.1
	United Kingdom	-	-	-	16	-	-
Chequered or surface pattern	United States	1,347	-	-	3,287	-	-
	United Kingdom	38	-	-	293	-	-
<hr/>							
Sheets -							
Silicon .075 or more	United States	-	1,338	-	-	5,230	-
Galvanized	United States	1,009	-	-	2,751	-	-
	United Kingdom	-	-	-	22	-	-
Corrugated	United States	12	-	-	539	-	-
For tubes	United States	-	-	-	13,951	-	-
For tubular products	United States	-	-	-	-	-	-
Hot rolled -							
18 gauge and heavier	United States	7,600	47	93.1	21,943	154	154.3
	United Kingdom	56	-	38.1	642	-	54.6
	Netherlands	-	-	-	32	-	-
	Sweden	-	-	44.7	-	-	56.7
Lighter than 18 gauge.....	United States	179	12	55.0	289	42	92.4
	United Kingdom	7	-	10.8	7	-	10.8
Cold rolled -							
18 gauge and heavier	United States	660	-	132.3	2,746	19	245.3
	United Kingdom	27	-	90.7	272	-	328.4

Primary Iron and Steel

Table 16 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	March, 1957		Three months ended March, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	1,066	3	63.2	3,202	211.9	
	United Kingdom	-	-	22.8	295	137.6	
For motor vehicles	United States	924	-	-	3,077	-	
For hollow-ware (vitreous enamel)	United States	811	-	-	3,313	-	
	United Kingdom	-	-	-	190	-	
Coated with paint, tar, asphaltum, etc...	United States	274	-	-	593	-	
	United Kingdom	18	-	-	18	-	
For heating apparatus (blue polished)...	United States	-	-	-	-	-	
For saws	United States	2	49	-	3	165	
	United Kingdom	-	2	-	-	5	
	Germany	-	3	-	-	3	
	Sweden	-	5	-	-	6	
Wasters and rejects	United States	608	-	-	1,406	-	
Tin mill black plate	United States	87	-	-	90	-	
Tin plate - Primes	United States	18	-	-	88	-	
	United Kingdom	346	-	-	2,106	-	
Tin plate - Electrolytic coating	United States	220	-	-	247	-	
	United Kingdom	489	-	-	489	-	
Tin plate wasters and seconds	United States	-	-	-	-	-	
Terne plate - Long	United States	599	-	-	1,589	-	
Short	United States	70	-	-	320	-	

Strip -	United States	United Kingdom	Belgium	623	-	.6	2,588	5	1.6
Hot rolled -									
18 gauge and heavier	United States	United Kingdom	Belgium	623	-	.6	2,588	5	1.6
				-	-	-	6	-	-
				-	-	-	3	-	-
Lighter than 18 gauge	United States			190	19	7.3	418	19	7.4
Gold rolled -									
18 gauge and heavier	United States	United Kingdom	Sweden	47	35	42.4	273	92	112.8
				-	-	-	33	-	-
				-	-	-	-	16	-
Lighter than 18 gauge	United States	United Kingdom	Sweden	222	29	27.5	474	43	119.2
				12	-	-	20	-	-
				34	-	.2	50	8	.3
									15
Hot rolled strip for cold rolling	United States			-	-	-	-	-	-
For saws	United States	United Kingdom	Sweden	3	28	-	3	126	-
				-	5	-	-	9	-
				-	15	-	-	46	-
For tubes	United States			-	-	-	-	-	-
For tubular products	United States			-	-	-	-	-	-
For shoe and corset laces, buckles, ball bearings, etc.	United States	United Kingdom	United States	21	-	-	94	-	-
				-	-	-	7	-	-
For motor vehicles	United States			204	-	-	939	-	-

Primary Iron and Steel

Table 16 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	March, 1957		Three months ended March, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy
(Tons of 2,000 pounds)						
Strip (concluded)						
For hoops	United States	128	-	-	305	-
	United Kingdom	47	-	-	71	-
Coated or covered with paint, tar, asphaltum, etc.	United States	871	-	-	2,056	-
	United Kingdom	5	-	-	14	-
	Germany	15	-	-	42	-
For butts and hinges	United States	25	-	-	25	-
Hoop band or strip, galvanized	United States	252	-	-	658	-
	United Kingdom	3	-	-	52	-
	Belgium	6	-	-	6	-
						16
Silicon .075 or more	United States	-	560	-	-	1,710
Skelp -						
12" and under in width	United States	7,549	-	-	30,049	-
Over 12" in width	United States	9,173	-	-	12,610	-
Plate for pipe	United States	11,654	-	-	26,167	-

Pipes and tubes -									
Spiral weld pipe	United States	633	-	-	-	960	-	-	-
For bedstead	United States	-	-	-	-	1	-	-	-
	Germany	-	-	-	-	1	-	-	-
Cast	United States	16	-	-	-	168	-	-	-
	United Kingdom	556	-	-	-	3,438	-	-	-
	Germany	-	-	-	-	18	-	-	-
Repair of pressure parts of boilers -									
Seamless, hot finished	United States	472	60	-	-	1,239	167	-	-
	United Kingdom	195	-	-	-	322	-	-	-
	Sweden	-	-	-	-	13	-	-	-
Seamless, cold drawn									
	United States	95	-	-	-	224	47	-	.4
	United Kingdom	5	-	-	-	21	-	-	-
	Sweden	-	-	-	-	4	-	-	-
Welded									
	United States	206	-	-	-	444	-	-	32.2
	United Kingdom	213	-	-	-	339	-	-	-
Seamless, 12" and under in diameter -									
Cold drawn	United States	744	122	36.0	-	2,561	349	76.8	
	United Kingdom	245	-	11.5	-	569	13	81.1	
	Sweden	3	23	8.1	-	4	119	15.5	
Hot finished									
	United States	1,085	211	1.4	-	2,257	681	2.9	
	United Kingdom	405	-	-	-	1,212	-	-	
	Australia	188	-	-	-	188	-	-	
	Germany	170	26	-	-	170	26	-	
	Italy	-	-	-	-	1	-	-	

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Primary Iron and Steel

Table 16 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	March, 1957			Three months ended March, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded)							
Seamless, over 12" in diameter -							
Cold drawn	United States	-	-	-	-	-	-
Hot finished	United States	469	-	1.5	1,437	-	1.5
	United Kingdom	120	-	-	282	-	-
	Italy	-	-	-	6	-	-
Welded 4" and under in diameter							
	United States	279	1	2.2	2,112	1	11.8
	United Kingdom	541	-	1.2	1,035	-	1.2
	France	-	-	-	59	-	-
Welded over 4" in diameter							
	United States	32,501	-	.2	89,511	-	18
	United Kingdom	3,122	-	-	19,950	-	19.3
Conduit	United States	94	-	-	557	-	-
Casing	United States	8,840	-	-	27,064	-	-
	United Kingdom	1,488	-	-	5,939	-	-
	Australia	281	-	-	281	-	-
	Belgium	269	-	-	1,002	-	-
	Czechoslovakia	102	-	-	2,081	-	-
	France	98	-	-	1,344	-	-
	Germany	6,273	-	-	7,499	-	-
	Italy	-	-	-	2,480	-	-
	Japan	3,332	-	-	11,002	-	-
Tubing -							
Not over 1/2" diameter, welded and coated	United States	10	-	-	65	-	-

Wire products -

Wire rope	United States	74	-	.5	192	-	2.2
	United Kingdom	405	-	-	785	-	-
	Belgium	-	-	-	8	-	-
	Denmark	2	-	-	2	-	-
	Germany	14	-	-	116	-	-
	Japan	-	-	-	18	-	-
	Netherlands	28	-	-	62	-	-
	Sweden	-	-	-	2	-	-
Wire -							
For rope	United States	158	-	1.0	600	-	1.7
	United Kingdom	1,546	-	-	4,369	-	-
	Germany	24	-	-	81	-	-
For springs, cushions, mattresses, etc..	United States	45	-	-	221	-	-
For corset clasps, dress stays, etc. . .	United States	4	-	-	35	-	19
	United Kingdom	2	-	-	3	-	-
Coated or covered	United States	102	-	-	281	-	.9
	United Kingdom	107	-	-	296	-	-
	Belgium	11	-	-	48	-	-
	Denmark	-	-	-	4	-	-
	France	-	-	-	10	-	-
	Germany	-	-	-	2	-	-
For fencing) galvanized)	United States	-	-	-	-	-	-
	United Kingdom	-	-	-	43	-	-
All other	United States	324	33	10.4	1,013	44	25.9
	United Kingdom	86	-	-	147	2	-
	Belgium	5	-	-	116	-	-
	France	-	-	-	101	-	-
	Germany	1	-	-	2	-	-
	Sweden	1	-	-	1	-	.2

Primary Iron and Steel

Table 16 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	March, 1957		Three months ended March, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products (concluded)							
Welding rods	United States	36	34	.4	374	62	3.4
Welding wire in coils	United States	-	-	-	-	-	-
Wire rods not over 3/8" in diameter	United States	297	-	-	509	-	-
	United Kingdom	-	-	-	793	-	-
	Belgium	220	-	-	220	-	-
	Germany	79	-	-	213	-	-
Axles - For railway vehicles	United States	45	-	-	120	-	-
	United Kingdom	85	-	-	95	-	-
Tires - For railway rolling stock	United States	13	-	-	16	-	-
	United Kingdom	146	-	-	296	-	-
Wheels - For railway rolling stock	United States	2	-	-	15	-	-
	United Kingdom	1,779	-	-	3,749	-	-
Rails -							
60 lb. and under	United States	133	-	-	526	-	-
	Belgium	35	-	-	35	-	-
	Germany	133	-	-	398	-	-

Rails - (concluded)									
Over 60 lb. and including 100 lb.									
	United States	205	-	-	311	-	-	-	-
	United Kingdom	3,614	-	-	3,614	-	-	-	-
	Germany	52	-	-	52	-	-	-	-
Over 100 lb.									
	United States	251	-	-	290	-	-	-	-
Track material -									
Fish plates, angle bars, etc.									
	United States	166	-	-	254	-	-	-	-
	United Kingdom	806	-	-	806	-	-	-	-
	Belgium	5	-	-	7	-	-	-	-
	Germany	10	-	-	17	-	-	-	-
	Holland	27	-	-	27	-	-	-	-
Switch points, etc.									
	United States	-	-	-	29	-	-	-	-
TOTAL IMPORTS									
		197,355	3,507	1,063.2	584,689	12,619	3,052.1		

Note - Imports reported in Table 16 for Belgium includes Luxembourg.

Table 17 - Imports of Primary Forms of Iron and Steel, by Country of Origin

Country of origin	March, 1957			Three months ended March, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
United States ...	156,594	3,213	799.0	455,501 ⁽²⁾	11,839	2,230.5
United Kingdom ..	20,712	174	211.1	67,065	456	745.3
Australia	615	-	-	3,866	-	-
Austria	-	-	-	15	2	-
Belgium ⁽¹⁾	5,867	-	-	18,597	-	-
Chile	-	-	-	1,386	-	-
Czechoslovakia ..	102	-	-	2,244	-	-
Denmark	2	-	-	6	-	-
France	1,978	-	-	6,101	-	-
Germany	7,330	67	-	11,637	84	-
Italy	-	-	-	2,487	-	-
Japan	4,062	-	-	15,014	-	-
Netherlands	55	-	-	121	-	-
Norway	-	-	-	569	-	-
Sweden	38	53	53.1	80	238	76.3
Total	197,355	3,507	1,063.2	584,689	12,619	3,052.1

(1) Includes Luxembourg.

(2) Revised. See Page 11.



CANADA



PRIMARY IRON AND STEEL

APRIL, 1957

Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512 539-47

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 4

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	April, 1957	Four months ended April, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	101,589	393,411
(b) From foreign mines	312,575	1,263,451
Pyrite cinder	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	82,034	279,544
(b) From foreign mines	-	-
(c) From own processing	97,282	368,744
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	17,295	73,951
Scrap iron and steel	16,678	55,158
Limestone	98,109	389,221
Dolomite	27,960	112,724
Waste	281,950	1,086,406

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, April

	1956		1957	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	233,624	13,264	297,087	26,271
Foundry (including silvery pig)	6,379	10,768	12,364	10,071
Malleable	47,080	25,306	15,510	11,001
Total pig iron	287,083	49,338	324,961	47,343
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month .	183,260		211,788	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Four Months Ended April

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u>				
Basic	977,082	18,516	1,159,457	81,96
Foundry (including silvery pig)	42,046	43,458	29,605	29,84
Malleable	114,138	84,808	67,246	45,42
Total pig iron	1,133,266	146,782	1,256,308	157,23
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 4 - Description of Iron Blast Furnaces at End of April, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cen
In blast	14	3,972,175	94.1
Banked	-	-	-
Blown out	2	249,700	5.9
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	A p r i l		Four months ended April	
	1 9 5 6	1 9 5 7	1 9 5 6	1 9 5 7
(Net tons of 2,000 pounds)				
Pig iron	233,845	252,690	925,572	1,020,482
Scrap - Own make	107,946	111,275	440,786	471,076
Purchased	122,711	131,996	469,965	506,044
Total pig iron and scrap	464,502	495,961	1,836,323	1,997,602

Table 7 - Production and Sales of Steel Ingots and Castings, April

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	376,848	276	397,712	617
Electric	46,766	13	41,290	2,550
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	423,614	289	439,002	3,167
Alloy steel ingots included in above	18,234	-	20,335	238
<u>Steel castings</u>				
Open hearth - basic	2,764	2,280	3,111	3,109
Electric	7,629	6,839	7,950	7,284
Other	59	66	2	2
Total steel castings	10,452	9,185	11,063	10,395
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	261	242	195	194
(b) High alloy, manganese and abrasion resistant	1,699	1,623	1,731	1,605
(c) All other alloys	545	188	657	656
Total alloy castings	2,505	2,053	2,583	2,455

* Includes amounts for sale and for own use.

(1) Included with "basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Four Months Ended April

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,485,496	1,221	1,608,191	2,81
Electric	184,292	131	164,577	20,22
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	1,669,788	1,352	1,772,768	23,03
Alloy steel ingots included in above	67,854	-	96,702	64
<u>Steel castings</u>				
Open hearth - basic	11,130	9,680	10,988	10,53
Electric	28,049	23,153	33,039	31,47
Other	162	142	89	5
Total steel castings	39,341	32,975	44,116	42,0
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	835	720	891	9
(b) High alloy, manganese and abrasion resistant	6,069	5,418	7,175	6,8
(c) All other alloys	1,604	958	2,589	2,1
Total alloy castings	8,508	7,096	10,655	9,9

* Includes amounts for sale and for own use. (1) Included with "basic open hearth"

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	April, 1957		Four months ended April, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	-	9
(b) All other	4	334	16	95
Automotive industries	44	23	777	10
Agricultural, including implement and equipment manufacturers	175	5	594	5
Machinery and tools	1,254	318	5,786	1,43
Mining, lumbering and quarrying industries	727	1,114	3,186	4,75
Oil and gas, including refineries	158	38	464	14
National defence	11	18	26	6
Public works and public utilities	481	88	946	28
Railway operating	752	145	3,117	61
Railway cars and locomotives	3,693	100	14,552	39
Shipbuilding	67	10	316	1
Miscellaneous and unclassified	574	262	2,397	98
Total shipments	7,940	2,455	32,177	9,90

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084	58,148 (1)	425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710		463,891	11,255	475,146
April	324,961	50,045 (1)	439,002	11,063	450,065
Total four months	1,256,308		1,772,768	44,116	1,816,884

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, April, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	31,559	31,900
Other (including seamless and butt weld)	14,197	15,100
Total	45,756	47,100
Pipe and tubing by class:		
Standard and line pipe	37,591	38,800
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,426	3,600
Miscellaneous	4,739	4,600
Total	45,756	47,100
Steel pipe fittings:		
Butt weld fittings	403	290
Other (including flanges and flanged fittings)	296	240
Total	699	540
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Four Months Ended April, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	116,780	110,680
Other (including seamless and butt weld)	67,428	63,060
Total	184,208	173,740
Pipe and tubing by class:		
Standard and line pipe	150,193	142,300
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	14,312	14,040
Miscellaneous	19,703	17,390
Total	184,208	173,740
Steel pipe fittings:		
Butt weld fittings	1,549	1,580
Other (including flanges and flanged fittings)	1,442	1,260
Total	2,991	2,850

(1) Included with "Miscellaneous".

(2) Included with "Mechanical tubing".

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, April, 1957

	Production	Total of all shipments (Net tons of 2,000 pounds)	Shipments for further processing	Net shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	9,166	9,198	7,974	1,224
(b) For forging and piercing ...	11,028	10,598	-	10,598
Rails	39,800	28,948	-	28,948
Wire rods	27,097	27,107	-	27,107
Structural shapes:				
(a) Heavy, including piling	21,909	24,406	-	24,406
(b) Light	9,170	9,355	-	9,355
Concrete reinforcing bars	27,509	21,644	-	21,644
Other hot rolled bars	35,935	35,126	1,794	33,332
Tie plates and track material:				
(a) Angle bars	1,729	1,500	-	1,500
(b) Tie plates	7,408	7,482	-	7,482
(c) Track spikes	1,340	1,442	-	1,442
Plates	51,226	48,415	-	48,415
Hot rolled sheets and strip	113,308	113,205	80,305	32,900
Total all hot rolled products ..	356,625	338,426	90,073	248,353
<u>Cold rolled and coated</u>				
Cold finished bars	2,521	2,717	-	2,717
Cold reduced strip	2,781	3,853	-	3,853
Cold reduced sheets, tin mill black plate and tin plate	79,134	62,406	33,823	28,583
Galvanized sheets	16,308	17,064	-	17,064
Total all cold rolled and coated	100,744	86,040	33,823	52,217
Grand total all carbon products	457,369	424,466	123,896	300,570
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	10	-	10
(b) For forging and piercing ...	545	540	-	540
Alloy plates	311	341	-	341
Other hot rolled bars, including high-speed steel and alloy tool steel	9,555	9,633	-	9,633
Structurals	4	-	-	-
Cold finished bars	398	450	-	450
Wire rods	59	156	-	156
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	1,873	1,686	-	1,686
Total all alloy products	12,755	12,816	-	12,816

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Four Months Ended April, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipment
<u>Carbon steel</u>	(Net tons of 2,000 pounds)			
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	75,410	72,448	70,874	1,577
(b) For forging and piercing ...	39,636	40,143	-	40,143
Rails	131,132	124,632	-	124,632
Wire rods	107,778	109,432	-	109,432
Structural shapes:				
(a) Heavy, including piling	93,216	98,877	-	98,877
(b) Light	31,502	26,033	-	26,033
Concrete reinforcing bars	107,758	98,489	-	98,489
Other hot rolled bars	155,505	153,472	8,354	145,118
Tie plates and track material:				
(a) Angle bars	7,423	7,118	-	7,118
(b) Tie plates	30,892	32,485	-	32,485
(c) Track spikes	5,250	5,239	-	5,239
Plates	187,822	187,748	-	187,748
Hot rolled sheets and strip	502,838	508,500	323,130	185,370
Total all hot rolled products ..	1,476,162	1,464,616	402,358	1,062,258
<u>Cold rolled and coated</u>				
Cold finished bars	12,548	12,561	-	12,561
Cold reduced strip	15,595	16,483	-	16,483
Cold reduced sheets, tin mill black plate and tin plate	342,486	367,992	158,094	209,898
Galvanized sheets	55,100	56,071	-	56,071
Total all cold rolled and coated	425,729	453,107	158,094	295,013
Grand total all carbon products	1,901,891	1,917,723	560,452	1,357,271
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing ...	2,840	2,839	-	2,839
Alloy plates	1,558	1,467	-	1,467
Other hot rolled bars, including high-speed steel and alloy tool steel	38,079	38,431	7	38,424
Structurals	53	34	-	34
Cold finished bars	2,372	2,414	-	2,414
Wire rods	546	537	-	537
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	8,110	8,154	-	8,154
Total all alloy products	53,568	53,952	7	53,945

Table 15 - Disposition of Shipments* of Rolled Steel Products, by Type

	April, 1957		Four months ended April, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	34,624	363	141,135	2,134
Direct export:				
(a) British Empire	388	825	1,889	2,659
(b) All other	3,668	856	60,867	3,761
Automotive industries	12,021	3,646	54,980	20,154
Agricultural, including implement and equipment manufacturers	5,039	79	21,804	359
Building construction	59,624	63	233,152	264
Container industry	8,756	10	121,673	29
Machinery and tools	19,720	4,683	84,374	9,812
Merchant trade products	34,050	374	145,988	1,633
Mining, lumbering, etc.	6,654	605	25,807	7,356
National defence	303	145	1,753	674
Pressing, forming and stamping	15,151	663	61,020	2,576
Public works and utilities	2,574	-	13,731	-
Railway operating	40,617	119	135,654	355
Railway cars and locomotives	17,779	359	84,608	2,080
Shipbuilding	2,206	23	8,767	90
Pipes and tubes	36,399	3	156,047	9
Miscellaneous and unclassified	997	-	4,022	-
Net shipments	300,570	12,816	1,357,271	53,945

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

NOTE: Effective January, 1957, the data in the above table relate to rolling mill product only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Tables 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, January-April

	Semi-finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcement bars
<u>January, 1957</u>					(Net to
Wholesalers and warehouses	-	262	-	4,690	2,369
Direct export:					
(a) British Empire	117	-	-	-	-
(b) All other	116	14,105	-	16	-
Automotive industries	118	2	-	97	-
Agricultural, including implement and equipment manufacturers	-	-	7	507	-
Building construction	124	47	152	11,502	16,540
Container industry	-	-	-	-	-
Machinery and tools	522	-	58	1,147	-
Merchant trade products	202	-	27,096	378	1,460
Mining, lumbering, etc.	119	592	-	279	253
National defence	2	-	-	-	38
Pressing, forming and stamping ...	62	-	-	966	-
Public works and utilities	-	26	-	16	1,671
Railway operating	408	16,965	-	398	-
Railway cars and locomotives	2,976	-	-	8,328	-
Shipbuilding	41	7	-	368	-
Pipes and tubes	3,102	-	-	-	-
Miscellaneous and unclassified ...	375	-	-	21	-
Net shipments	8,284	32,006	27,313	28,713	22,331
<u>February, 1957</u>					
Wholesalers and warehouses	2	37	210	5,864	3,087
Direct export:					
(a) British Empire	383	-	-	-	-
(b) All other	667	9,857	-	-	-
Automotive industries	1,389	-	6	135	-
Agricultural, including implement and equipment manufacturers	-	-	43	626	-
Building construction	101	144	1,474	11,725	14,831
Container industry	-	-	5	-	-
Machinery and tools	1,066	152	330	1,247	2
Merchant trade products	158	-	25,218	36	1,191
Mining, lumbering, etc.	224	3,473	7	647	431
National defence	232	-	-	-	50
Pressing, forming and stamping ...	7	-	39	945	-
Public works and utilities	69	-	2	3	6,818
Railway operating	56	10,096	-	360	-
Railway cars and locomotives	4,302	-	-	6,825	-
Shipbuilding	16	-	-	392	-
Pipes and tubes	3,544	-	-	-	-
Miscellaneous and unclassified ...	383	-	-	7	-
Net shipments	12,599	23,759	27,334	28,812	26,410

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

1957

Other Hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Galvanized sheets	Total
(E 2,000 pounds)								
8,004	25	6,261	6,377	1,029	201	3,652	3,862	36,732
304	-	-	163	6	-	268	-	858
557	1,918	1	2,294	5	-	6,349	192	25,553
8,428	-	425	8,081	1,339	889	2,368	125	21,872
2,344	-	269	2,334	271	40	608	212	6,592
3,303	1	8,116	4,297	12	736	2,148	5,222	52,200
2	-	-	704	1	-	19,149	96	19,952
7,257	16	8,962	3,887	622	568	1,766	224	25,029
8,760	-	371	1,251	369	34	102	-	40,023
5,451	34	673	182	46	36	35	-	7,700
760	-	-	80	43	34	7	-	964
2,375	-	5	3,369	432	673	8,116	701	16,699
233	-	65	-	20	375	-	-	2,406
1,643	10,598	944	275	2	-	8	194	31,435
791	-	6,101	3,355	-	18	9	130	21,708
131	-	1,604	23	1	-	-	10	2,185
139	-	11,159	28,160	-	847	1,605	60	45,072
770	-	-	-	-	145	-	-	1,311
51,252	12,592	44,956	64,832	4,198	4,596	46,190	11,028	358,291
6,800	1	5,893	5,505	962	193	3,030	3,930	35,514
362	-	-	101	15	-	143	-	1,004
552	1,641	-	966	2	-	3,591	59	17,335
6,641	-	215	6,906	1,414	641	2,532	123	20,002
1,729	-	243	1,350	171	14	559	544	5,279
2,766	-	6,749	5,688	37	562	3,110	6,345	53,532
69	-	-	478	1	-	33,888	56	34,497
4,384	16	7,784	2,966	555	452	1,792	100	20,846
7,291	-	-	1,652	300	37	99	-	35,982
3,394	24	208	162	53	-	97	-	8,720
202	-	-	133	138	32	7	-	794
4,467	-	10	2,669	420	977	5,661	271	15,466
54	-	72	-	-	2	-	-	7,020
1,871	9,535	862	298	4	2	29	275	23,388
2,539	206	3,951	3,395	1	-	6	792	22,017
54	-	1,363	17	-	-	-	-	1,842
191	-	13,872	16,462	-	750	1,990	-	36,809
54	-	-	-	-	223	-	-	667
43,420	11,423	41,222	48,748	4,073	3,885	56,534	12,495	340,714

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, January-April,

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcin bars
					(Net ton)
<u>March, 1957</u>					
Wholesalers and warehouses	-	110	122	6,520	4,437
Direct export:					
(a) British Empire	132	-	-	-	413
(b) All other	226	11,893	-	397	-
Automotive industries	615	-	14	461	-
Agricultural, including implement and equipment manufacturers	-	-	8	338	-
Building construction	37	103	1,697	12,584	19,963
Container industry	-	-	-	-	-
Machinery and tools	1,178	3	40	796	-
Merchant trade products	270	-	26,115	605	1,776
Mining, lumbering, etc.	296	1,504	45	1,588	28
National defence	-	-	-	-	5
Pressing, forming and stamping ...	-	-	18	903	-
Public works and utilities	-	-	-	21	1,480
Railway operating	296	26,226	-	1,013	2
Railway cars and locomotives	5,005	30	-	8,212	-
Shipbuilding	3	22	-	186	-
Pipes and tubes	2,741	-	-	-	-
Miscellaneous and unclassified ...	578	28	-	-	-
Net shipments	11,377	39,919	28,059	33,624	28,104
<u>April, 1957</u>					
Wholesalers and warehouses	-	145	115	9,629	3,751
Direct export:					
(a) British Empire	346	-	-	-	-
(b) All other	622	882	-	51	-
Automotive industries	2,413	-	12	291	-
Agricultural, including implement and equipment manufacturers	-	-	85	1,239	-
Building construction	-	-	1,320	13,955	13,598
Container industry	-	-	-	-	-
Machinery and tools	661	68	256	2,395	9
Merchant trade products	86	-	25,321	254	1,835
Mining, lumbering, etc.	135	821	116	287	-
National defence	-	-	-	-	70
Pressing, forming and stamping ...	-	-	7	928	-
Public works and utilities	-	-	-	-	2,381
Railway operating	299	27,032	3	317	-
Railway cars and locomotives	4,276	-	8	4,084	-
Shipbuilding	-	-	-	324	-
Pipes and tubes	2,987	-	-	-	-
Miscellaneous and unclassified ...	547	-	20	7	-
Net shipments	12,372	28,948	27,263	33,761	21,644

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

957 (concluded)

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Galvanized sheets	Total
of 2,000 pounds)								
5,267	13	5,501	6,092	1,118	186	3,247	3,423	36,036
470	-	-	199	32	-	227	-	1,473
712	-	439	1,526	4	-	1,912	107	17,216
4,962	-	67	7,401	941	533	2,514	85	17,593
1,753	-	193	1,546	266	13	699	358	5,174
5,991	2	7,686	6,357	18	759	3,211	9,589	67,997
74	-	5	1,559	1	-	56,793	55	58,487
8,079	-	8,359	2,850	462	615	1,297	229	23,908
6,224	-	37	1,567	242	50	306	-	37,192
5,069	76	308	420	82	-	68	-	9,484
84	-	-	35	78	19	-	-	221
3,618	-	34	2,736	267	949	6,344	748	15,617
20	16	128	-	5	-	42	19	1,731
1,543	10,296	798	145	6	4	63	58	40,450
1,494	-	6,507	2,590	2	-	172	813	24,825
455	-	1,903	18	3	-	11	-	2,601
111	-	22,316	10,317	4	652	1,632	-	37,773
13	-	-	-	6	369	53	-	1,047
45,939	10,403	54,281	45,358	3,537	4,149	78,591	15,484	398,825
3,891	8	4,834	3,057	1,066	246	3,659	4,586	34,987
568	-	-	153	7	-	139	-	1,213
591	116	6	717	3	75	1,413	48	4,524
4,505	-	71	4,544	558	489	2,567	217	15,667
996	-	136	1,525	267	35	398	437	5,118
3,993	1	7,676	4,973	16	431	3,062	10,662	59,687
11	-	68	595	-	-	8,051	41	8,766
8,603	-	7,929	2,192	501	324	1,356	109	24,403
5,672	-	59	678	278	100	128	13	34,424
4,926	19	754	141	60	-	-	-	7,259
212	-	-	71	60	35	-	-	448
3,600	-	38	2,885	315	1,538	5,921	582	15,814
123	-	8	-	3	1	52	6	2,574
1,651	10,279	855	168	14	-	3	115	40,736
3,090	-	5,289	1,060	14	-	69	248	18,138
330	1	1,549	24	1	-	-	-	2,229
133	-	19,484	11,803	1	377	1,617	-	36,402
70	-	-	-	3	202	148	-	997
42,965	10,424	48,756	34,586	3,167	3,853	28,583	17,064	313,386

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Four Months

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars (Net ton)
Wholesalers and warehouses ...	2	554	447	26,703	13,644
Direct export:					
(a) British Empire	978	-	-	-	413
(b) All other	1,631	36,737	-	464	-
Automotive industries	4,535	2	32	984	-
Agricultural, including implement and equipment manufacturers	-	-	143	2,710	-
Building construction	262	294	4,643	49,766	64,932
Container industry	-	-	5	-	-
Machinery and tools	3,427	223	684	5,585	11
Merchant trade products	716	-	103,750	1,273	6,262
Mining, lumbering, etc.	774	6,390	168	2,801	712
National defence	234	-	-	-	163
Pressing, forming and stamping	69	-	64	3,742	-
Public works and utilities ...	69	26	2	40	12,350
Railway operating	1,059	80,319	3	2,088	2
Railway cars and locomotives .	16,559	30	8	27,449	-
Shipbuilding	60	29	-	1,270	-
Pipes and tubes	12,374	-	-	-	-
Miscellaneous and unclassified	1,883	28	20	35	-
Net shipments	44,632	124,632	109,969	124,910	98,489

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

ended April, 1957

Other rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Galvanized sheets	Total
(2,000 pounds)								
23,962	47	22,489	21,031	4,175	826	13,588	15,801	143,26
1,704	-	-	616	60	-	777	-	4,54
2,412	3,675	446	5,503	14	75	13,265	406	64,62
24,536	-	778	26,932	4,252	2,552	9,981	550	75,13
6,822	-	841	6,755	975	102	2,264	1,551	22,16
16,053	4	30,227	21,315	83	2,488	11,531	31,818	233,41
156	-	73	3,336	3	-	117,881	248	121,70
28,323	32	33,034	11,895	2,140	1,959	6,211	662	94,18
27,947	-	467	5,148	1,189	221	635	13	147,62
18,840	153	1,943	905	241	36	200	-	33,16
1,258	-	-	319	319	120	14	-	2,42
14,060	-	87	11,659	1,434	4,137	26,042	2,302	63,59
430	16	273	-	28	378	94	25	13,73
6,708	40,708	3,459	886	26	6	103	642	136,00
7,914	206	21,848	10,400	17	18	256	1,983	86,68
970	1	6,419	82	5	-	11	10	8,85
574	-	66,831	66,742	5	2,626	6,844	60	156,05
907	-	-	-	9	939	201	-	4,02
183,576	44,842	189,215	193,524	14,975	16,483	209,898	56,071	1,411,2

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	April, 1957		Four months ended April, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Basic	United States	104	-	-	104	-	
Foundry	United States	56	-	-	449	-	
	United Kingdom	-	-	-	11	-	
	Australia	-	-	-	146	-	
Malleable	United States	-	-	-	34	-	
Silvery	United States	-	-	-	1,524	-	
Ingots	United States	51	28	3.0	152	276	
Billets, blooms, slabs and sheet bars ..	United States	30	30	80.0	803	291	
	United Kingdom	-	-	-	-	14	
	Sweden	-	-	-	-	4	
Tube rounds and tube billets	United States	3,349	-	-	8,086	-	
Bars and sections -							
Hot rolled, n.o.p.	United States	2,885	130	2.4	16,248	1,069	
	United Kingdom	223	80	1.0	1,555	277	
	Austria	-	-	-	15	-	
	Belgium	1,206	-	-	2,156	-	
	Chile	218	-	-	218	-	
	France	15	-	-	787	-	
	Germany	-	-	-	53	9	
	Sweden	-	-	-	-	5	
						2.0	
Hot rolled -							
For agricultural implements	United States	46	20	-	195	85	
Rounds over 4 7/8", squares over 4".	United States	173	5	-	1,930	48	
	United Kingdom	32	-	-	112	33	
Concrete reinforcing bars	United States	1,402	-	-	12,752	-	
	Belgium	6,215	-	-	10,554	-	
	Chile	653	-	-	816	-	
	France	3,628	-	-	4,401	-	

Sash or casement sections	United States	119	-	-	1,160	-	-
	United Kingdom	61	-	-	133	-	-
	Belgium	-	-	-	6	-	-
Cold finished, n.o.p.	United States	257	103	11.2	2,007	788	57.6
	United Kingdom	323	-	4.0	699	-	27.0
	Belgium	-	-	-	550	-	-
	Germany	4	-	-	6	8	-
	Sweden	-	-	-	6	-	.6
Cold finished, for agricultural implements	United States	13	-	-	489	1	-
Tool steel	United States	260	104	-	958	307	-
	United Kingdom	72	64	-	209	218	-
	Austria	-	9	-	-	11	-
	Germany	-	-	-	-	38	-
	Sweden	-	7	-	-	41	-
Structurals -							
W.F. beams, 8" and over	United States	19,954	-	-	76,873	-	-
	United Kingdom	42	-	-	92	-	-
	Belgium	3,413	-	-	5,760	-	-
	France	160	-	-	197	-	-
	Germany	9	-	-	844	-	-
W.F. beams, under 8"	United States	925	-	-	3,354	-	-
	Belgium	142	-	-	257	-	-
Sheet piling	United States	34	-	-	633	-	-
	United Kingdom	-	-	-	389	-	-
	Belgium	946	-	-	1,865	-	-
	France	106	-	-	332	-	-
	Germany	403	-	-	403	-	-
All other	United States	9,607	-	-	42,138	-	-
	United Kingdom	1,021	-	-	4,745	-	-
	Belgium	10,558	-	-	16,143	-	-
	France	4,831	-	-	6,530	-	-
	Germany	842	-	-	1,513	-	-
	Italy	15	-	-	15	-	-
	Norway	1,617	-	-	2,131	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	April, 1957		Four months ended April, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Structurals (concluded) -							
Bar size angles, channels, etc.	United States	1,507	-	18.7	6,150	-	90.0
	United Kingdom	245	-	-	967	-	-
	Belgium	1,899	-	-	3,508	-	-
	France	384	-	-	1,384	-	-
	Norway	259	-	-	314	-	-
	Sweden	-	-	-	-	-	1.0
For agricultural implements							
	United States	-	-	-	52	-	-
Plates -							
78" and under in width	United States	12,738	35	28.0	47,072	428	479.4
	United Kingdom	2,348	-	158.0	6,408	-	246.5
	Australia	-	-	-	3,251	-	-
	Belgium	647	-	-	1,067	-	-
	Chile	2,650	-	-	3,873	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	22	-	-	138	-	-
	Germany	763	-	-	1,600	-	-
	Japan	1,805	-	-	5,548	-	-
Over 78" and under 100" in width							
	United States	3,513	-	33.6	15,414	6	61.7
	United Kingdom	1,522	-	-	4,356	-	3.4
	Belgium	-	-	-	312	-	-
	Germany	83	-	-	711	-	-
	Japan	-	-	-	251	-	-

100" in width and over	United States	870	-	-	3,509	35	25.5
	United Kingdom	194	-	-	814	29	-
Flanged, dished or curved	United States	509	-	11.1	1,373	-	59.3
	United Kingdom	-	-	-	2	-	-
Boiler, pulp-mill digesters	United States	175	-	-	1,140	-	2.1
	United Kingdom	-	-	-	16	-	-
Chequered or surface pattern	United States	1,688	-	-	4,975	-	-
	United Kingdom	-	-	-	293	-	-
Sheets -							
Silicon .075 or more	United States	-	1,893	-	-	7,123	-
	United Kingdom	-	36	-	-	36	-
Galvanized	United States	593	-	-	3,344	-	-
	United Kingdom	-	-	-	22	-	-
Corrugated	United States	341	-	-	880	-	-
For tubes	United States	1,553	-	-	15,504	-	-
For tubular products	United States	-	-	-	-	-	-
Hot rolled -							
18 gauge and heavier	United States	6,786	3	1.4	28,729	157	155.7
	United Kingdom	250	-	43.0	892	-	97.6
	Netherlands	-	-	-	32	-	-
	Sweden	-	-	-	-	-	56.7
Lighter than 18 gauge	United States	24	-	-	313	42	92.4
	United Kingdom	-	-	-	7	-	10.8
Cold rolled -							
18 gauge and heavier	United States	690	-	57.4	3,436	19	302.7
	United Kingdom	113	-	99.0	385	-	427.4

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	April, 1957		Four months ended April, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	583	-	143.3	3,785	4	355.2
	United Kingdom	120	-	32.6	415	-	170.2
For motor vehicles	United States	920	-	-	3,997	-	-
For hollow-ware (vitreous enamel)	United States	1,082	-	-	4,395	-	-
	United Kingdom	26	-	-	216	-	-
Coated with paint, tar, asphaltum, etc.	United States	79	-	-	672	-	-
	United Kingdom	-	-	-	18	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-	-
For saws	United States	4	37	-	7	202	-
	United Kingdom	-	-	-	-	5	-
	Germany	-	-	-	-	3	-
	Sweden	-	-	-	-	6	-
Wasters and rejects	United States	416	-	-	1,822	-	-
Tin mill black plate	United States	-	-	-	90	-	-
Tin plate - Primes	United States	-	-	-	88	-	-
	United Kingdom	1,170	-	-	3,276	-	-
Tin plate - Electrolytic coating	United States	93	-	-	340	-	-
	United Kingdom	-	-	-	489	-	-
Tin plate wasters and seconds	United States	-	-	-	-	-	-
Terne plate - Long	United States	164	-	-	1,753	-	-
Short	United States	68	-	-	388	-	-

[illegible]

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	April, 1957		Four months ended April, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
Strip (concluded) -							
For hoops	United States	-	-	-	305	-	
	United Kingdom	68	-	-	139	-	
	Germany	2	-	-	2	-	
Coated or covered with paint, tar, asphaltum, etc.	United States	731	-	-	2,787	-	
	United Kingdom	-	-	-	14	-	
	Germany	7	-	-	49	-	
For butts and hinges	United States	7	-	-	32	-	
Hoop band or strip, galvanized	United States	165	-	-	823	-	
	United Kingdom	-	-	-	52	-	
	Belgium	-	-	-	6	-	
Silicon .075 or more	United States	-	987	-	-	2,697	
Skelp -							
12" and under in width	United States	6,243	-	-	36,292	-	
	Germany	1,247	-	-	1,247	-	
Over 12" in width	United States	717	-	-	13,327	-	
Plate for pipe	United States	10,876	-	-	37,043	-	

Pipes and tubes -

Spiral weld pipe	United States	470	-	-	1,430	-	-
For bedstead	United States	-	-	-	1	-	-
	Germany	2	-	-	3	-	-
Cast	United States	38	-	-	206	-	-
	United Kingdom	3,296	-	-	6,734	-	-
	Germany	72	-	-	90	-	-
Repair of pressure parts of boilers -							
Seamless, hot finished	United States	373	75	-	1,612	242	-
	United Kingdom	31	-	-	353	-	-
	Sweden	-	-	-	13	-	-
Seamless, cold drawn	United States	12	23	.6	236	70	1.0
	United Kingdom	27	-	-	48	-	-
	Sweden	1	-	-	5	-	-
Welded	United States	231	-	-	675	-	32.2
	United Kingdom	236	-	-	575	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	525	15	42.6	3,086	364	119.4
	United Kingdom	251	-	15.6	820	13	96.7
	Sweden	2	-	1.6	6	119	17.1
Hot finished	United States	675	186	1.1	2,932	867	4.0
	United Kingdom	1,859	-	-	3,071	-	-
	Australia	-	-	-	188	-	-
	Germany	-	-	-	170	26	-
	Italy	-	-	-	1	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	April, 1957			Four months ended April, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -							
Seamless, over 12" in diameter -							
Cold drawn	United States	-	-	-	-	-	-
Hot finished	United States	304	-	-	1,741	-	1.5
	United Kingdom	94	-	-	376	-	-
	Italy	-	-	-	6	-	-
Welded 4" and under in diameter	United States	470	-	9.1	2,582	1	20.9
	United Kingdom	611	-	-	1,646	-	1.2
	Austria	122	-	-	122	-	-
	France	32	-	-	91	-	-
	Germany	148	-	-	148	-	-
Welded over 4" in diameter	United States	30,221	-	30.0	119,732	-	49.3
	United Kingdom	5,629	-	-	25,579	-	-
Conduit	United States	202	-	-	759	-	-
Casing	United States	11,207	-	-	38,271	-	-
	United Kingdom	990	-	-	6,929	-	-
	Australia	-	-	-	281	-	-
	Belgium	-	-	-	1,002	-	-
	Czechoslovakia	698	-	-	2,779	-	-
	France	707	-	-	2,051	-	-
	Germany	1,162	-	-	8,661	-	-
	Italy	528	-	-	3,008	-	-
	Japan	4,654	-	-	15,656	-	-
Tubing -							
Not over 1/2" diameter, welded							
and coated	United States	56	-	-	121	-	-

Wire products -

Wire rope	16	-	208	-	2.2
United States	589	-	1,374	-	-
United Kingdom	33	-	41	-	-
Belgium	3	-	5	-	-
Denmark	100	-	216	-	-
Germany	25	-	43	-	-
Japan	66	-	128	-	-
Netherlands	4	-	6	-	-
Sweden					

Wire -

For wire rope	432	-	1,032	-	1.7
United States	1,758	-	6,127	-	-
United Kingdom	60	-	141	-	-
Germany					

For springs, cushions, mattresses,

etc.	43	-	264	-	-
United States	1	-	1	-	-
United Kingdom					

For corset clasps, dress stays, etc..

	2	-	37	-	-
United States	15	-	18	-	-
United Kingdom					

Coated or covered

	126	-	407	-	.9
United States	122	-	418	-	-
United Kingdom	35	-	83	-	-
Belgium	-	-	4	-	-
Denmark	-	-	10	-	-
France	-	-	2	-	-
Germany					

For fencing (galvanized)

United States	-	-	-	-	-
United Kingdom	-	-	43	-	-

All other

	89	15	5.0	59	30.9
United States	200	1	-	3	-
United Kingdom	-	-	-	-	-
Belgium	299	-	-	-	-
France	-	-	-	-	-
Germany	-	-	-	-	-
Sweden	-	-	-	-	.2

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	April, 1957				Four months ended April, 1957	
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy Stainless
Wire products (concluded) -							
Welding rods	United States	105	11	1.5		479	73 4.9
Welding wire in coils	United States	69	21	.5		69	21 .5
Wire rods not over 3/8" in diameter ...	United States	206	-	-		715	-
	United Kingdom	115	-	-		908	-
	Belgium	-	-	-		220	-
	Germany	376	-	-		589	-
Axles - For railway vehicles	United States	90	-	-		210	-
	United Kingdom	73	-	-		168	-
Tires - For railway rolling stock	United States	20	-	-		36	-
	United Kingdom	17	-	-		313	-
Wheels - For railway rolling stock	United States	2	-	-		17	-
	United Kingdom	1,456	-	-		5,205	-
Rails -							
60 lb. and under	United States	290	-	-		816	-
	Belgium	137	-	-		172	-
	Germany	371	-	-		769	-

Rails - (concluded)									
Over 60 lb. and including 100 lb.									
	United States	719	-	-	1,030	-	-	-	-
	United Kingdom	1,576	-	-	5,190	-	-	-	-
	Germany	-	-	-	52	-	-	-	-
Over 100 lb.									
	United States	20	-	-	310	-	-	-	-
Track material -									
Fish plates, angle bars, etc.									
	United States	312	-	-	566	-	-	-	-
	United Kingdom	-	-	-	806	-	-	-	-
	Belgium	6	-	-	13	-	-	-	-
	Germany	5	-	-	22	-	-	-	-
	Netherlands	2	-	-	29	-	-	-	-
	United States	1	-	-	30	-	-	-	-
Switch points, etc.									
TOTAL IMPORTS									
		221,899	4,008	902.0	806,588	16,627	3,954.1	-	27

Note - Imports reported in Table 18 for Belgium includes Luxembourg.

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	April, 1957			Four months ended April, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Net tons of 2,000 pounds)						
United States ...	140,580	3,797	547.0	596,081	15,636	2,777.0
United Kingdom ..	26,814	183	353.2	93,879	639	1,098.0
Australia	-	-	-	3,866	-	-
Austria	122	9	-	137	11	-
Belgium (1)	25,264	-	-	43,861	-	-
Chile	3,521	-	-	4,907	-	-
Czechoslovakia ..	698	-	-	2,942	-	-
Denmark	3	-	-	9	-	-
France	10,184	-	-	16,285	-	-
Germany	5,711	-	-	17,348	84	-
Italy	543	-	-	3,030	-	-
Japan	6,484	-	-	21,498	-	-
Netherlands	68	-	-	189	-	-
Norway	1,876	-	-	2,445	-	-
Sweden	31	19	1.8	111	257	78.0
Total	221,899	4,008	902.0	806,588	16,627	3,954.0

(1) Includes Luxembourg.

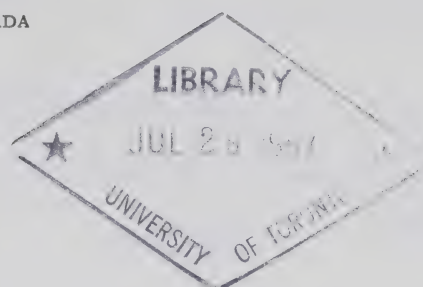
Table 20 - Exports of Primary Iron and Steel

	April, 1957	Four months ended April, 1957
	(Net tons of 2,000 pounds)	
Pig iron	1,095	35,411
Ingots, blooms and billets	1,218	16,346
Bars	1,399	5,847
Rods	22	481
Plates, sheets and strips	3,416	23,282
Rails	12,400	55,587
Structural shapes	206	1,211
Pipe and tubing - Wrought iron	2,107	5,441
Cast iron	445	463
Galvanized	-	2
Other	17	544
Castings, iron and steel	658	5,255
Forgings	511	1,697
Total	23,494	151,567

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.



CANADA



PRIMARY IRON AND STEEL

MAY, 1957

Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512-539-57

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 5

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	May, 1957	Five months ended May, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	116,809	510,220
(b) From foreign mines	322,860	1,586,311
Pyrite cinder	-	-
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	64,758	344,302
(b) From foreign mines	-	-
(c) From own processing	110,041	478,785
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	4,913	78,864
Scrap iron and steel	16,039	71,197
Limestone	105,618	494,839
Dolomite	27,977	140,701
Coke	297,661	1,384,067

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, May

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	243,729	12,306	277,040	12,383
Foundry (including silvery pig)	14,522	15,953	21,695	19,194
Malleable	33,049	47,245	37,949	33,889
Total pig iron	291,300	75,504	336,684	65,466
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	156,734		234,595	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Five Months Ended May

	1956		1957	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	1,220,811	30,822	1,436,497	94,3
Foundry (including silvery pig)	56,568	59,411	51,300	49,0
Malleable	147,187	132,053	105,195	79,3
Total pig iron	1,424,566	222,286	1,592,992	222,7
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - See table 10.

Table 4 - Description of Iron Blast Furnaces at End of May, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	15	4,148,875	98.3
Banked	-	-	-
Blown out	1	73,000	1.7
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	May		Five months ended May	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron.....	246,067	248,052	1,171,639	1,268,534
Scrap - Own make	124,666	115,277	565,452	586,353
Purchased	125,224	115,756	595,189	621,800
Total pig iron and scrap	495,957	479,085	2,332,280	2,476,687

Table 7 - Production and Sales of Steel Ingots and Castings, May

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	402,317	344	387,688	764
Electric	48,964	29	37,620	2,815
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	451,281	373	425,308	3,579
Alloy steel ingots included in above ..	22,178	154	19,299	212
<u>Steel castings</u>				
Open hearth - basic	2,820	2,736	2,910	2,970
Electric	7,980	7,134	8,374	8,215
Other	50	41	1	1
Total steel Castings	10,850	9,911	11,285	11,186
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	229	194	241	272
(b) High alloy, manganese and abrasion resistant	1,814	1,618	1,917	1,928
(c) All other alloys	833	655	679	569
Total alloy castings	2,876	2,467	2,837	2,769

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Five Months Ended May

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	1,887,813	1,565	1,995,879	3,571
Electric	233,256	160	202,197	23,077
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	2,121,069	1,725	2,198,076	26,652
Alloy steel ingots included in above	90,032	154	116,001	886
<u>Steel castings</u>				
Open hearth - basic	13,950	12,416	13,898	13,548
Electric	36,029	30,287	41,413	39,632
Other	212	183	90	87
Total steel castings	50,191	42,886	55,401	53,267
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,064	914	1,132	1,192
(b) High alloy, manganese and abrasion resistant	7,883	7,036	9,092	8,732
(c) All other alloys	2,437	1,613	3,268	2,749
Total alloy castings	11,384	9,563	13,492	12,673

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	May, 1957		Five months ended May, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	119	-	119	96
(b) All other	4	393	20	1,351
Automotive industries	54	32	831	135
Agricultural, including implement and equipment manufacturers	140	19	734	75
Machinery and tools	1,790	241	7,576	1,676
Mining, lumbering and quarrying industries .	781	1,268	3,967	6,021
Oil and gas, including refineries	186	76	650	224
National defence	1	14	27	78
Public works and public utilities	248	78	1,194	358
Railway operating	915	148	4,032	761
Railway cars and locomotives	3,655	37	18,207	432
Shipbuilding	126	140	442	155
Miscellaneous and unclassified	398	323	2,795	1,311
Total shipments	8,417	2,769	40,594	12,673

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
			(Net tons of 2,000 pounds)		
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
Total five months .	1,592,992		2,198,076	55,401	2,253,477

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, May, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	47,338	49,341
Other (including seamless and buttweld)	16,987	18,087
Total	64,325	67,428
Pipe and tubing by class:		
Standard and line pipe	57,637	60,558
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,343	3,356
Miscellaneous	3,345	3,514
Total	64,325	67,428
Steel pipe fittings:		
Buttweld fittings	418	359
Other (including flanges and flanged fittings)	276	218
Total	694	577
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Five Months Ended May, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	164,118	160,025
Other (including seamless and buttweld)	84,415	81,149
Total	248,533	241,174
Pipe and tubing by class:		
Standard and line pipe	207,830	202,864
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	18,470	18,303
Miscellaneous	22,233	20,007
Total	248,533	241,174
Steel pipe fittings:		
Buttweld fittings	1,967	1,947
Other (including flanges and flanged fittings)	1,718	1,482
Total	3,685	3,429
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, May, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
	(Net tons of 2,000 pounds)			
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	12,595	11,765	11,469	296
(b) For forging and piercing	12,998	12,330	-	12,330
Rails	31,589	42,918	-	42,918
Wire rods	29,194	28,936	-	28,936
Structural shapes:				
(a) Heavy, including piling	26,724	29,449	-	29,449
(b) Light	5,110	3,780	-	3,780
Concrete reinforcing bars	31,820	28,471	-	28,471
Other hot rolled bars	40,736	39,492	3,927	35,565
Tie plates and track material:				
(a) Angle bars	1,588	1,697	-	1,697
(b) Tie plates	7,498	7,645	-	7,645
(c) Track spikes	1,356	1,184	-	1,184
Plates	43,779	44,115	-	44,115
Hot rolled sheets and strip	92,281	96,445	60,174	36,271
Total all hot rolled products	337,268	348,227	75,570	272,657
<u>Cold rolled and coated</u>				
Cold finished bars	2,603	2,633	-	2,633
Cold reduced strip	3,458	3,654	-	3,654
Cold reduced sheets, tin mill				
black plate and tin plate	80,517	73,270	35,975	37,295
Galvanized sheets	14,320	14,719	-	14,719
Total all cold rolled and coated ..	100,898	94,276	35,975	58,301
Grand total all carbon products	438,166	442,503	111,545	330,958
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	775	641	-	641
Alloy plates	618	473	-	473
Other hot rolled bars, including				
high-speed steel and alloy tool steel	7,875	7,451	-	7,451
Structurals	58	1	-	1
Cold finished bars	409	358	-	358
Wire rods	187	4	-	4
Hot and cold rolled sheets, silicon				
sheets and strip and stainless steel	1,770	1,772	-	1,772
Total all alloy products	11,692	10,700	-	10,700

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Five months Ended May, 1957

	Production	Total of all shipments (Net tons of 2,000 pounds)	Shipments for further processing	Net shipments
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	88,005	84,213	82,343	1,870
(b) For forging and piercing	52,634	52,473	-	52,473
Rails	162,721	167,550	-	167,550
Wire rods	136,972	138,368	-	138,368
Structural shapes:				
(a) Heavy, including piling	119,940	128,326	-	128,326
(b) Light	36,612	29,813	-	29,813
Concrete reinforcing bars	139,578	126,960	-	126,960
Other hot rolled bars	196,241	192,964	12,281	180,683
Tie plates and track material:				
(a) Angle bars	9,011	8,815	-	8,815
(b) Tie plates	38,390	40,130	-	40,130
(c) Track spikes	6,606	6,423	-	6,423
Plates	231,601	231,863	-	231,863
Hot rolled sheets and strip	595,119	604,945	383,304	221,641
Total all hot rolled products	1,813,430	1,812,843	477,928	1,334,915
<u>Cold rolled and coated</u>				
Cold finished bars	15,151	15,194	-	15,194
Cold reduced strip	19,053	20,137	-	20,137
Cold reduced sheets, tin mill black plate and tin plate	423,003	441,262	194,069	247,193
Galvanized sheets	69,420	70,790	-	70,790
Total all cold rolled and coated ..	526,627	547,383	194,069	353,314
Grand total all carbon products	2,340,057	2,360,226	671,997	1,688,229
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	3,615	3,480	-	3,480
Alloy plates	2,176	1,940	-	1,940
Other hot rolled bars, including high-speed steel and alloy tool steel	45,954	45,882	7	45,875
Structurals	111	35	-	35
Cold finished bars	2,781	2,772	-	2,772
Wire rods	733	541	-	541
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	9,880	9,926	-	9,926
Total all alloy products	65,260	64,652	7	64,645

Table 15 - Disposition of Shipments* of Rolled Steel Products

	May, 1957		Five months ended May, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	34,462	272	175,597	2,406
Direct export:				
(a) British Empire	622	731	2,511	3,390
(b) All other	14,185	842	75,052	4,603
Automotive industries	11,155	3,096	66,135	23,250
Agricultural, including implement and equipment manufacturers	3,033	66	24,837	425
Building construction	59,387	41	292,539	305
Container industry	16,764	18	138,437	47
Machinery and tools	19,495	1,356	103,869	11,168
Merchant trade products	37,442	84	183,430	1,717
Mining, lumbering, etc.	9,062	2,770	34,869	10,126
National defence	136	79	1,889	753
Pressing, forming and stamping	15,112	755	76,132	3,331
Public works and utilities	5,628	-	19,359	-
Railway operating	42,560	17	178,214	372
Railway cars and locomotives	15,621	546	100,229	2,626
Shipbuilding	2,730	19	11,497	109
Pipes and tubes	42,717	8	198,764	17
Miscellaneous and unclassified	847	-	4,869	-
Net shipments	330,958	10,700	1,688,229	64,645

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Tables 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, May, 1957

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
					(Net to
Wholesalers and warehouses	-	90	274	6,296	5,107
Direct export:					
(a) British Empire	914	-	-	-	26
(b) All other	442	11,053	-	25	36
Automotive industries	1,405	-	8	188	-
Agricultural, including implement and equipment manufacturers	-	-	9	566	-
Building construction	250	77	674	15,360	16,069
Container industry	-	-	4	-	-
Machinery and tools	756	44	1	2,101	-
Merchant trade products	366	-	27,838	92	1,650
Mining, lumbering, etc.	282	3,060	102	1,264	391
National defence	-	-	-	-	10
Pressing, forming and stamping .	-	-	13	1,096	-
Public works and utilities	-	-	-	35	5,177
Railway operating	663	28,443	17	397	5
Railway cars and locomotives ...	4,028	151	-	5,151	-
Shipbuilding	-	-	-	646	-
Pipes and tubes	3,664	-	-	-	-
Miscellaneous and unclassified .	497	-	-	12	-
Net shipments	13,267	42,918	28,940	33,229	28,471

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
6,415	2	3,959	2,947	827	131	4,831	3,855	34,734
246	-	-	147	3	-	-	17	1,353
520	3	-	1,223	2	-	1,667	56	15,027
4,026	-	209	4,427	782	340	2,849	17	14,251
1,227	-	16	391	115	29	318	428	3,099
3,628	3	7,142	3,793	25	787	2,072	9,548	59,428
12	-	-	350	1	-	16,291	124	16,782
5,766	2	8,242	1,554	476	292	1,597	20	20,851
6,909	-	10	206	257	18	170	10	37,526
5,680	44	753	162	45	37	12	-	11,832
52	-	33	19	89	12	-	-	215
4,114	-	37	2,458	362	1,227	6,301	259	15,867
332	-	-	-	-	-	40	44	5,628
1,825	10,465	465	246	5	2	44	-	42,577
1,566	7	3,720	1,127	-	-	76	341	16,167
481	-	1,614	8	-	-	-	-	2,749
170	-	18,388	18,984	-	503	1,016	-	42,725
48	-	-	1	2	276	11	-	847
43,017	10,526	44,588	38,043	2,991	3,654	37,295	14,719	341,658

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Five Months

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcin bars	(Net to
Wholesalers and warehouses	2	644	721	32,999	18,751	
Direct export:						
(a) British Empire	1,892	-	-	-	439	
(b) All other	2,073	47,790	-	489	36	
Automotive industries	5,940	2	40	1,172	-	
Agricultural, including implement and equipment manufacturers	-	-	152	3,276	-	
Building construction	512	371	5,317	65,126	81,001	
Container industry	-	-	9	-	-	
Machinery and tools	4,183	267	685	7,686	11	
Merchant trade products	1,082	-	131,588	1,365	7,912	
Mining, lumbering, etc.	1,056	9,450	270	4,065	1,103	
National defence	234	-	-	-	173	
Pressing, forming and stamping .	69	-	77	4,838	-	
Public works and utilities	69	26	2	75	17,527	
Railway operating	1,722	108,762	20	2,485	7	
Railway cars and locomotives ...	20,587	181	8	32,600	-	
Shipbuilding	60	29	-	1,916	-	
Pipes and tubes	16,038	-	-	-	-	
Miscellaneous and unclassified .	2,380	28	20	47	-	
Net shipments	57,899	167,550	138,909	158,139	126,960	

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

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Ended May, 1957

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
30,377	49	26,448	23,978	5,002	957	18,419	19,656	178,003
1,950	-	-	763	63	-	777	17	5,901
2,932	3,678	446	6,726	16	75	14,932	462	79,655
28,562	-	987	31,359	5,034	2,892	12,830	567	89,385
8,049	-	857	7,146	1,090	131	2,582	1,979	25,262
19,681	7	37,369	25,108	108	3,275	13,603	41,366	292,844
168	-	73	3,686	4	-	134,172	372	138,484
34,089	34	41,276	13,449	2,616	2,251	7,808	682	115,037
34,856	-	477	5,354	1,446	239	805	23	185,147
24,520	197	2,696	1,067	286	73	212	-	44,995
1,310	-	33	338	408	132	14	-	2,642
18,174	-	124	14,117	1,796	5,364	32,343	2,561	79,463
762	16	273	-	28	378	134	69	19,359
8,533	51,173	3,924	1,132	31	8	147	642	178,586
9,480	213	25,568	11,527	17	18	332	2,324	102,855
1,451	1	8,033	90	5	-	11	10	11,606
744	-	85,219	85,726	5	3,129	7,860	60	198,781
955	-	-	1	11	1,215	212	-	4,869
226,593	55,368	233,803	231,567	17,966	20,137	247,193	70,790	1,752,874

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	May, 1957			Five months ended May, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Basic	United States	-	-	-	104	-	-
Foundry	United States	226	-	-	675	-	-
	United Kingdom	112	-	-	123	-	-
	Australia	-	-	-	146	-	-
Malleable	United States	-	-	-	34	-	-
Silvery	United States	-	-	-	1,524	-	-
Ingots	United States	88	127	28.7	240	403	35.4
Billets, blooms, slabs and sheet bars	United States	3	17	77.5	806	308	521.2
	United Kingdom	1	4	-	1	18	-
	Sweden	-	-	-	-	4	-
Tube rounds and tube billets	United States	5,569	-	-	13,655	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	4,147	72	5.7	20,395	1,141	71.9
	United Kingdom	1,742	-	13.4	3,297	277	29.4
	Austria	-	-	-	15	-	-
	Belgium	929	-	-	3,085	-	-
	Chile	-	-	-	218	-	-
	France	416	-	-	1,203	-	-
	Germany	83	-	-	136	9	-
	Sweden	22	-	.5	22	5	2.5
Hot rolled -							
For agricultural implements	United States	278	-	-	473	85	-
Rounds over 4 7/8", squares over 4" ..	United States	201	-	.4	2,131	48	2.8
	United Kingdom	36	-	2.9	148	33	4.6
Concrete reinforcing bars	United States	944	-	-	13,696	-	-
	Belgium	4,231	-	-	14,785	-	-
	Chile	-	-	-	816	-	-
	France	2,447	-	-	6,848	-	-

Sash or casement sections	United States United Kingdom Belgium	273 19 27	- - -	- - -	1,433 152 33	- - -	- - -
Cold finished, n.o.p.	United States United Kingdom Belgium Germany Sweden	316 427 - - -	163 3 - - -	17.8 7.5 - - -	2,323 1,126 550 6 6	951 3 - 8 -	75.4 34.5 - - .6
Cold finished, for agricultural implements	United States United States United Kingdom Austria Germany Sweden	105 139 41 - - -	1 35 36 10 1 16	- - - - - -	594 1,097 250 - - -	2 342 254 21 39 57	- - - - - -
Tool steel	United States United Kingdom Austria Germany Sweden	105 139 41 - - -	1 35 36 10 1 16	- - - - - -	594 1,097 250 - - -	2 342 254 21 39 57	- - - - - -
Structurals -							
W. F. beams, 8" and over	United States United Kingdom Belgium France Germany Norway	19,303 56 2,920 28 380 234	- - - - - -	- - - - - -	96,176 148 8,680 225 1,224 234	- - - - - -	- - - - - -
W. F. beams, under 8"	United States Belgium	1,799 122	- -	- -	5,153 379	- -	- -
Sheet piling	United States United Kingdom Belgium France Germany	22 3,729 57 182 -	- - - - -	- - - - -	655 4,118 1,922 514 403	- - - - -	- - - - -
All other	United States United Kingdom Belgium France Germany Italy Norway	10,064 867 10,476 5,370 611 - 960	- - - - - - -	- - - - - - -	52,202 5,612 26,619 11,900 2,124 15 3,091	- - - - - - -	- - - - - - -

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

For agricultural implements

Over 78" and under 100" in width

100" in width and over	United States United Kingdom Germany	700 318 17	- - -	- - -	4,209 1,132 17	35 29 -	25.5 - -
Flanged, dished or curved	United States United Kingdom	259 91	- -	.6 -	1,632 93	- -	59.9 -
Boiler, pulp-mill digesters	United States United Kingdom	273 14	- -	- -	1,413 30	- -	2.1 -
Chequered or surface pattern	United States United Kingdom	2,123 18	- -	- -	7,098 311	- -	- -
<hr/>							
Sheets -							
Silicon .075 or more	United States United Kingdom	- -	1,090 73	- -	- -	8,213 109	- -
Galvanized	United States United Kingdom	684 -	- -	- -	4,028 22	- -	- -
Corrugated	United States United Kingdom	36 4	- -	- -	916 4	- -	- -
For tubes	United States	225	-	-	15,729	-	-
For tubular products	United States	-	-	-	-	-	-
Hot rolled -							
18 gauge and heavier	United States United Kingdom Netherlands Sweden	5,256 312 - -	28 - - -	2.9 59.0 - 46.1	33,985 1,204 32 -	185 - - -	158.6 156.6 - 102.8
Lighter than 18 gauge	United States United Kingdom	- -	5 -	- -	313 7	47 -	92.4 10.8
Cold rolled -							
18 gauge and heavier	United States United Kingdom	619 84	1 -	60.1 83.0	4,055 469	20 -	362.8 510.4

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	May, 1957			Five months ended May, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	723	-	169.8	4,508	4	525.0
	United Kingdom	80	-	46.2	495	-	216.4
For motor vehicles	United States	745	-	-	4,742	-	-
For hollow-ware (vitreous enamel)	United States	947	-	-	5,342	-	-
	United Kingdom	50	-	-	266	-	-
Coated with paint, tar, asphaltum, etc.	United States	52	-	-	724	-	-
	United Kingdom	-	-	-	18	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-	-
For saws	United states	2	13	-	9	215	-
	United Kingdom	1	-	-	1	5	-
	Germany	-	-	-	-	3	-
	Sweden	-	1	-	-	7	-
Wasters and rejects	United States	629	-	-	2,451	-	-
Tin mill black plate	United States	12	-	-	102	-	-
Tin plate - Primes	United States	-	-	-	88	-	-
	United Kingdom	10	-	-	3,286	-	-
Tin plate - Electrolytic coating	United States	65	-	-	405	-	-
	United Kingdom	-	-	-	489	-	-
Tin plate wasters and seconds	United States	-	-	-	-	-	-
Terne plate - Long	United States	455	-	-	2,208	-	-
Short	United States	80	-	-	468	-	-

Strip -									
Hot rolled -									
18 gauge and heavier									
	United States	602	6	-	3,412	12	1.6		
	United Kingdom	379	-	-	402	-	-		
	Belgium	291	-	-	321	-	-		
	Germany	-	-	-	55	-	-		
Lighter than 18 gauge									
	United States	110	-	-	735	19	7.4		
	United Kingdom	11	-	-	11	1	-		
Cold rolled -									
18 gauge and heavier									
	United States	105	12	16.1	483	109	154.9		
	United Kingdom	-	-	-	33	-	-		
	Sweden	-	-	-	-	16	-		
Lighter than 18 gauge									
	United States	124	2	109.3	703	48	269.0		
	United Kingdom	22	-	-	57	-	-		
	Sweden	44	1	.9	118	10	1.4		
Hot rolled strip for cold rolling									
	United States	-	-	-	-	-	-		
For saws									
	United States	-	11	-	14	204	-		
	United Kingdom	-	-	-	-	10	-		
	Sweden	-	12	-	-	69	-		
For tubes									
	United States	39	-	-	39	-	-		
For tubular products									
	United States	-	-	-	-	-	-		
For shoe and corset laces, buckles, ball bearings, etc.									
	United States	15	-	-	143	-	-		
	United Kingdom	-	-	-	13	-	-		
For motor vehicles									
	United States	151	-	-	1,260	-	-		

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	May, 1957			Five months ended May, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For hoops	United States	24	-	-	329	-	-
	United Kingdom	14	-	-	153	-	-
	Germany	-	-	-	2	-	-
Coated or covered with paint, tar, asphaltum, etc.	United States	473	-	-	3,260	-	-
	United Kingdom	19	-	-	33	-	-
	Germany	13	-	-	62	-	-
For butts and hinges	United States	53	-	-	85	-	-
Hoop band or strip, galvanized	United States	208	-	-	1,031	-	-
	United Kingdom	-	-	-	52	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more	United States	-	630	-	-	3,327	-
Skelp -							
12" and under in width	United States	5,173	-	-	41,465	-	-
	Germany	659	-	-	1,906	-	-
Over 12" in width	United States	1,695	-	-	15,022	-	-
Plate for pipe	United States	16,051	-	-	53,094	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	May, 1957			Five months ended May, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) - Seamless, over 12" in diameter - Cold drawn	United States	-	-	-	-	-	-
Hot finished	United States	241	8	-	1,982	8	1.5
	United Kingdom	135	-	-	511	-	-
	Italy	-	-	-	6	-	-
Welded 4" and under in diameter	United States	762	-	2.9	3,344	1	23.8
	United Kingdom	341	-	-	1,987	-	1.2
	Austria	-	-	-	122	-	-
	Belgium	134	-	-	134	-	-
	France	13	-	-	104	-	-
	Germany	120	-	-	268	-	-
Welded over 4" in diameter	United States	58,421	-	3.1	178,153	-	52.4
	United Kingdom	8,268	-	-	33,847	-	-
Conduit	United States	237	-	-	996	-	-
Casing	United States	8,750	-	-	47,021	-	-
	United Kingdom	4,279	-	-	11,208	-	-
	Australia	-	-	-	281	-	-
	Belgium	52	-	-	1,054	-	-
	Czechoslovakia	1,125	-	-	3,904	-	-
	France	1,209	-	-	3,260	-	-
	Germany	1,010	-	-	9,671	-	-
	Italy	576	-	-	3,584	-	-
	Japan	4,357	-	-	20,013	-	-
Tubing - Not over 1/2" diameter, welded and coated	United States	22	-	-	143	-	-

Wire products -
Wire rope

United States	23	-	.5	231	-	2.7
United Kingdom	199	-	-	1,573	-	-
Belgium	2	-	-	43	-	-
Denmark	4	-	-	9	-	-
Germany	49	-	-	265	-	-
Japan	-	-	-	43	-	-
Netherlands	42	-	-	170	-	-
Sweden	-	-	-	6	-	-

Wire -
For wire rope

United States	123	-	.1	1,155	-	1.8
United Kingdom	1,118	-	-	7,245	-	-
Germany	83	-	-	224	-	-
Japan	25	-	-	25	-	-

For springs, cushions, mattresses,
etc.

United States	38	-	-	302	-	-
United Kingdom	-	-	-	1	-	-

For corset clasps, dress stays, etc..

United States	10	-	-	47	-	-
United Kingdom	1	-	-	19	-	-

Coated or covered

United States	16	-	-	423	-	.9
United Kingdom	146	-	-	564	-	-
Belgium	-	-	-	83	-	-
Denmark	-	-	-	4	-	-
France	-	-	-	10	-	-
Germany	30	-	-	32	-	-

For fencing (galvanized)

United States	-	-	..	-	-	-
United Kingdom	-	-	-	43	-	-

All other

United States	125	6	3.5	1,227	65	34.4
United Kingdom	264	2	-	611	5	-
Belgium	-	-	-	116	-	-
France	-	-	-	400	-	-
Germany	381	-	-	383	-	-
Netherlands	40	-	-	40	-	-
Sweden	3	-	-	4	-	.2

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	May, 1957			Five months ended May, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire products (concluded) - Welding rods	United States	119	29	10.2	598	102	15.1
Welding wire in coils	United States	4	1	1.2	73	22	1.7
Wire rods not over 3/8" in diameter ...	United States	165	-	-	880	-	-
	United Kingdom	-	-	-	908	-	-
	Belgium	279	-	-	499	-	-
	Germany	-	-	-	589	-	-
Axles - For railway vehicles	United States	84	-	-	294	-	-
	United Kingdom	22	-	-	190	-	-
Tires - For railway rolling stock	United States	11	-	-	47	-	-
	United Kingdom	153	-	-	466	-	-
Wheels - For railway rolling stock	United States	1	-	-	18	-	-
	United Kingdom	1,033	-	-	6,238	-	-
Rails - 60 lb. and under	United States	122	-	-	938	-	-
	Belgium	27	-	-	199	-	-
	Germany	866	-	-	1,635	-	-

Rails - (concluded)

Over 60 lb. and including 100 lb.

United States	32	-	-	1,062	-
United Kingdom	-	-	-	5,190	-
Germany	-	-	-	52	-

Over 100 lb.

United States	2	-	-	312	-
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Track material -

Fish plates, angle bars, etc.

United States	156	-	-	722	-
United Kingdom	2,451	-	-	3,257	-
Belgium	1	-	-	14	-
Germany	12	-	-	34	-
Netherlands	-	-	-	29	-

Switch points, etc.

United States	2	-	-	32	-
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TOTAL IMPORTS

261,736	2,830	927.2	1,068,324	19,457	4,881.3
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Note - Imports reported in Table 18 for Belgium includes Luxembourg.

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	May, 1957			Five months ended May, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Net tons of 2,000 pounds)						
United States ..	175,086	2,670	595.3	771,167	18,306	3,372.8
United Kingdom .	37,730	119	282.7	131,609	758	1,381.2
Australia	-	-	-	3,866	-	-
Austria	-	10	-	137	21	-
Belgium (1)	21,373	-	-	65,234	-	-
Chile	1,593	-	-	6,500	-	-
Czechoslovakia .	1,125	-	-	4,067	-	-
Denmark	4	-	-	13	-	-
France	10,528	-	-	26,813	-	-
Germany	7,166	1	-	24,514	85	-
Italy	576	-	-	3,606	-	-
Japan	4,844	-	-	26,342	-	-
Netherlands	82	-	-	271	-	-
Norway	1,279	-	-	3,724	-	-
Sweden	152	30	49.2	263	287	127.3
Switzerland	198	-	-	198	-	-
Total	261,736	2,830	927.2	1,068,324	19,457	4,881.3

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	May, 1957	Five months ended May, 1957
	(Net tons of 2,000 pounds)	
Pig iron	25,716	61,127
Ingots, blooms and billets	4,214	20,560
Bars	1,260	7,107
Rods	1	482
Plates, sheets and strips	3,372	26,654
Rails	11,621	67,208
Structural shapes	221	1,432
Pipe and tubing - Wrought iron	1,129	6,570
Cast iron	43	506
Galvanized	59	61
Other	3,483	4,027
Castings, iron and steel	778	6,033
Forgings	477	2,174
Total	52,374	203,941

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.

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CANADA



PRIMARY IRON AND STEEL

JUNE, 1957

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512 539-67

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 6

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	June, 1957	Six months ended June, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	111,473	621,693
(b) From foreign mines	308,205	1,894,516
Pyrite cinder	1,698	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	66,732	411,034
(b) From foreign mines	-	-
(c) From own processing	101,089	579,874
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	17,107	95,971
Scrap iron and steel	19,537	90,734
Limestone	96,862	591,701
Dolomite	29,783	170,484
Coke	283,584	1,667,651

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, June

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
Pig iron				
Basic	265,995	19,875	275,414	28,569
Foundry (including silvery pig)	5,477	9,632	4,259	18,417
Malleable	31,646	40,781	49,754	43,708
Total pig iron	303,118	70,288	329,427	90,694
Ferro-alloys	(X)	(X)	(X)	(X)
Stocks of pig iron on hand at end of month...	148,304		225,353	

* Includes amounts for sale and for own use.

(X) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Six Months Ended June

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	1,486,806	50,697	1,711,911	122,921
Foundry (including silvery pig)	62,045	69,043	55,559	67,455
Malleable	178,833	172,834	154,949	123,020
Total pig iron	1,727,684	292,574	1,922,419	313,396
<u>Ferro-alloys</u>	121,315	121,917	109,013	105,886

* Includes amounts for sale and for own use.

Table 4 - Description of Iron Blast Furnaces at End of June, 1957

	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	15	4,148,875	98.3
Banked	-	-	-
Blown out	1	73,000	1.7
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings ..	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	June		Six months ended June	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	246,296	248,309	1,417,935	1,516,843
Scrap - Own make	112,682	113,077	678,134	699,430
Purchased	121,695	107,095	716,884	728,895
Total pig iron and scrap	480,673	468,481	2,812,953	2,945,168

Table 7 - Production and Sales of Steel Ingots and Castings, June

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	387,388	357	380,316	502
Electric	47,989	49	37,579	2,401
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	435,377	406	417,895	2,903
Alloy steel ingots included in above	19,736	15	18,800	181
<u>Steel castings</u>				
Open hearth - basic	2,609	2,351	2,474	2,401
Electric	7,554	6,291	7,358	7,420
Other	48	41	286	331
Total steel castings	10,211	8,683	10,118	10,152
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	213	176	227	199
(b) High alloy, manganese and abrasion resistant	1,712	1,673	1,877	1,886
(c) All other alloys	457	323	446	517
Total alloy castings	2,382	2,172	2,550	2,602

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Six Months Ended June

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,275,201	1,922	2,275,201	2,376,195
Electric	281,245	209	281,245	239,776
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	2,556,446	2,131	2,556,446	2,615,971
Alloy steel ingots included in above	109,768	169	109,768	134,801
<u>Steel castings</u>				
Open hearth - basic	16,559	14,767	16,559	16,372
Electric	43,583	36,578	43,583	48,771
Other	260	224	260	376
Total steel castings	60,402	51,569	60,402	65,519
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,277	1,090	1,277	1,359
(b) High alloy, manganese and abrasion resistant	9,595	8,709	9,595	10,969
(c) All other alloys	2,894	1,936	2,894	3,714
Total alloy castings	13,766	11,735	13,766	16,042

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	June, 1957		Six months ended June, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	65	303	85	1,654
Automotive industries	35	26	866	161
Agricultural, including implement and equipment manufacturers	83	-	817	75
Machinery and tools	1,534	347	9,110	2,023
Mining, lumbering and quarrying industries .	934	1,057	4,901	7,078
Oil and gas, including refineries	166	38	816	262
National defence	7	10	34	88
Public works and public utilities	263	73	1,457	431
Railway operating	531	194	4,563	955
Railway cars and locomotives	3,465	32	21,672	464
Shipbuilding	156	232	598	387
Miscellaneous and unclassified	311	290	3,106	1,601
Total shipments	7,550	2,602	48,144	15,275

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,167 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
Total six months ..	1,922,419	109,013	2,615,971	65,519	2,681,490

(1) First quarter.

(2) Second quarter.

(3) Third quarter.

(4) Fourth quarter.

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, June, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	43,138	39,860
Other (including seamless and butt weld)	17,933	19,672
Total	61,071	59,532
Pipe and tubing by class:		
Standard and line pipe	55,296	54,308
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,981	2,968
Miscellaneous	1,794	2,256
Total	61,071	59,532
Steel pipe fittings:		
Butt weld fittings	307	281
Other (including flanges and flanged fittings)	267	214
Total	574	495
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Six Months Ended June, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	207,256	199,885
Other (including seamless and butt weld)	102,348	100,821
Total	309,604	300,706
Pipe and tubing by class:		
Standard and line pipe	263,126	257,172
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	22,451	21,271
Miscellaneous	24,027	22,263
Total	309,604	300,706
Steel pipe fittings:		
Butt weld fittings	2,274	2,228
Other (including flanges and flanged fittings)	1,985	1,696
Total	4,259	3,924
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Primary Iron and Steel

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(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, June, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	17,512	15,086	14,904	182
(b) For forging and piercing	15,131	14,718	-	14,718
Rails	28,703	32,754	-	32,754
Wire rods	25,192	28,364	-	28,364
Structural shapes:				
(a) Heavy, including piling	24,075	26,454	-	26,454
(b) Light	13,072	9,194	-	9,194
Concrete reinforcing bars	19,102	22,947	-	22,947
Other hot rolled bars	27,141	26,097	1,304	24,793
Tie plates and track material:				
(a) Angle bars	1,718	1,706	-	1,706
(b) Tie plates	6,777	6,545	-	6,545
(c) Track spikes	1,158	1,233	-	1,233
Plates	57,532	56,434	-	56,434
Hot rolled sheets and strip	98,305	94,165	63,803	30,362
Total all hot rolled products	335,418	335,697	80,011	255,686
<u>Cold rolled and coated</u>				
Cold finished bars	2,170	2,225	-	2,225
Cold reduced strip	3,503	3,147	-	3,147
Cold reduced sheets, tin mill				
black plate and tin plate	74,485	72,656	33,683	38,973
Galvanized sheets	13,396	14,151	-	14,151
Total all cold rolled and coated ..	93,554	92,179	33,683	58,496
Grand total all carbon products	428,972	427,876	113,694	314,182
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	462	473	-	473
Alloy plates	245	217	-	217
Other hot rolled bars, including				
high-speed steel and alloy tool steel	7,562	7,663	-	7,663
Structurals	5	5	-	5
Cold finished bars	408	440	-	440
Wire rods	233	187	-	187
Hot and cold rolled sheets, silicon				
sheets and strip and stainless steel	1,825	1,829	-	1,829
Total all alloy products	10,740	10,814	-	10,814

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Six months Ended June, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	105,517	99,299	97,247	2,052
(b) For forging and piercing	67,765	67,191	-	67,191
Rails	191,424	200,304	-	200,304
Wire rods	162,164	166,732	-	166,732
Structural shapes:				
(a) Heavy, including piling	144,015	154,780	-	154,780
(b) Light	49,684	39,007	-	39,007
Concrete reinforcing bars	158,680	149,907	-	149,907
Other hot rolled bars	223,382	219,061	13,585	205,476
Tie plates and track material:				
(a) Angle bars	10,729	10,521	-	10,521
(b) Tie plates	45,167	46,675	-	46,675
(c) Track spikes	7,764	7,656	-	7,656
Plates	289,133	288,297	-	288,297
Hot rolled sheets and strip	693,424	699,110	447,107	252,003
Total all hot rolled products	2,148,848	2,148,540	557,939	1,590,601
<u>Cold rolled and coated</u>				
Cold finished bars	17,321	17,419	-	17,419
Cold reduced strip	22,556	23,284	-	23,284
Cold reduced sheets, tin mill black plate and tin plate	497,488	513,918	227,752	286,166
Galvanized sheets	82,816	84,941	-	84,941
Total all cold rolled and coated ..	620,181	639,562	227,752	411,810
Grand total all carbon products	2,769,029	2,788,102	785,691	2,002,411
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	4,077	3,953	-	3,953
Alloy plates	2,421	2,157	-	2,157
Other hot rolled bars, including high-speed steel and alloy tool steel	53,516	53,545	7	53,538
Structurals	116	40	-	40
Cold finished bars	3,189	3,212	-	3,212
Wire rods	966	728	-	728
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	11,705	11,755	-	11,755
Total all alloy products	76,000	75,466	7	75,459

Table 15 - Disposition of Shipments* of Rolled Steel Products

	June, 1957		Six months ended June, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	27,720	415	203,317	2,821
Direct export:				
(a) British Empire	293	755	2,804	4,145
(b) All other	8,161	895	83,213	5,498
Automotive industries	10,832	4,047	76,967	27,297
Agricultural, including implement and equipment manufacturers	2,767	118	27,604	543
Building construction	59,747	67	352,286	372
Container industry	21,803	72	160,240	119
Machinery and tools	16,028	1,687	119,897	12,855
Merchant trade products	36,134	435	219,564	2,152
Mining, lumbering, etc.	6,384	1,355	41,253	11,481
National defence	162	60	2,051	813
Pressing, forming and stamping	12,218	652	88,350	3,983
Public works and utilities	1,651	-	21,010	-
Railway operating	39,981	33	218,195	405
Railway cars and locomotives	17,280	202	117,509	2,828
Shipbuilding	1,918	11	13,415	120
Pipes and tubes	50,781	10	249,545	27
Miscellaneous and unclassified	322	-	5,191	-
Net shipments	314,182	10,814	2,002,411	75,459

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, June, 1957

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	-	163	248	7,197	3,168
Direct export:					
(a) British Empire	359	-	-	-	-
(b) All other	268	4,062	-	80	-
Automotive industries	1,019	-	4	116	-
Agricultural, including implement and equipment manufacturers	72	-	-	395	-
Building construction	-	17	222	17,998	16,546
Container industry	-	-	3	33	-
Machinery and tools	748	367	23	1,262	1
Merchant trade products	374	-	27,834	386	1,948
Mining, lumbering, etc.	210	225	90	492	182
National defence	-	-	-	-	22
Pressing, forming and stamping .	-	-	35	1,121	-
Public works and utilities	-	-	-	51	1,080
Railway operating	57	27,793	20	1,528	-
Railway cars and locomotives ...	3,972	127	72	4,442	-
Shipbuilding	13	-	-	513	-
Pipes and tubes	8,032	-	-	-	-
Miscellaneous and unclassified .	249	-	-	34	-
Net shipments	15,373	32,754	28,551	35,648	22,947

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
3,637	5	3,807	2,183	623	114	3,492	3,498	28,135
298	-	-	250	4	-	92	45	1,048
569	3	-	2,485	6	-	1,555	28	9,056
4,850	-	17	5,371	765	578	2,116	43	14,879
1,014	-	82	457	152	20	268	425	2,885
2,283	26	6,868	2,976	15	283	3,022	9,558	59,814
8	-	-	731	11	38	21,022	29	21,875
5,057	-	7,244	1,362	472	269	898	12	17,715
4,792	-	135	655	210	40	186	9	36,569
5,523	82	542	199	64	36	8	86	7,739
51	-	84	10	55	-	-	-	222
2,610	-	241	2,171	263	778	5,313	338	12,870
20	-	55	20	-	322	90	13	1,651
225	9,368	844	141	6	-	32	-	40,014
1,121	-	5,894	1,755	6	-	26	67	17,482
183	-	1,159	49	12	-	-	-	1,929
206	-	29,679	11,376	1	669	828	-	50,791
14	-	-	-	-	-	25	-	322
32,461	9,484	56,651	32,191	2,665	3,147	38,973	14,151	324,996

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Six Months

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	2	807	969	40,196	21,919
Direct export:					
(a) British Empire	2,251	-	-	-	439
(b) All other	2,341	51,852	-	569	36
Automotive industries	6,959	2	44	1,288	-
Agricultural, including implement and equipment manufacturers	72	-	152	3,671	-
Building construction	512	388	5,539	83,124	97,547
Container industry	-	-	12	33	-
Machinery and tools	4,931	634	708	8,948	12
Merchant trade products	1,456	-	159,422	1,751	9,860
Mining, lumbering, etc.	1,266	9,675	360	4,557	1,285
National defence	234	-	-	-	195
Pressing, forming and stamping .	69	-	112	5,959	-
Public works and utilities	69	26	2	126	18,607
Railway operating	1,779	136,555	40	4,013	7
Railway cars and locomotives ...	24,559	308	80	37,042	-
Shipbuilding	73	29	-	2,429	-
Pipes and tubes	24,070	-	-	-	-
Miscellaneous and unclassified .	2,629	28	20	81	-
Net shipments	73,272	200,304	167,460	193,787	149,907

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

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Ended June, 1957

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
34,014	54	30,255	26,161	5,625	1,071	21,911	23,154	206,138
2,248	-	-	1,013	67	-	869	62	6,949
3,501	3,681	446	9,211	22	75	16,487	490	88,711
33,412	-	1,004	36,730	5,799	3,470	14,946	610	104,264
9,063	-	939	7,603	1,242	151	2,850	2,404	28,147
21,964	33	44,237	28,084	123	3,558	16,625	50,924	352,658
176	-	73	4,417	15	38	155,194	401	160,359
39,146	34	48,520	14,811	3,088	2,520	8,706	694	132,752
39,648	-	612	6,009	1,656	279	991	32	221,716
30,043	279	3,238	1,266	350	109	220	86	52,734
1,361	-	117	348	463	132	14	-	2,864
20,784	-	365	16,288	2,059	6,142	37,656	2,899	92,333
782	16	328	20	28	700	224	82	21,010
8,758	60,541	4,768	1,273	37	8	179	642	218,600
10,601	213	31,462	13,282	23	18	358	2,391	120,337
1,634	1	9,192	139	17	-	11	10	13,535
950	-	114,898	97,102	6	3,798	8,688	60	249,572
969	-	-	1	11	1,215	237	-	5,191
259,054	64,852	290,454	263,758	20,631	23,284	286,166	84,941	2,077,870

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	June, 1957			Six months ended June, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Basic	United States	-	-	-	104	-	-
Foundry	United States	-	-	-	675	-	-
	United Kingdom	-	-	-	123	-	-
	Australia	-	-	-	146	-	-
Malleable	United States	-	-	-	34	-	-
Silvery	United States	-	-	-	1,524	-	-
Ingots	United States	111	53	-	351	456	35.4
Billets, blooms, slabs and sheet bars ...	United States	43	80	26.0	849	388	547.2
	United Kingdom	-	4	-	1	22	-
	Sweden	-	-	-	-	4	-
Tube rounds and tube billets	United States	-	-	-	13,655	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	1,894	153	7.5	22,289	1,294	79.4
	United Kingdom	775	24	12.9	4,072	301	42.3
	Austria	-	-	-	15	-	-
	Belgium	302	-	-	3,387	-	-
	Chile	-	-	-	218	-	-
	France	238	-	-	1,441	-	-
	Germany	-	-	-	136	9	-
	Sweden	-	-	.3	22	5	2.8
Hot rolled -							
For agricultural implements	United States	2	-	-	475	85	-
Rounds over 4 7/8", squares over 4" ..	United States	264	6	-	2,395	54	2.8
	United Kingdom	29	1	5.3	177	34	9.9
Concrete reinforcing bars	United States	714	-	-	14,410	-	-
	Belgium	1,764	-	-	16,549	-	-
	Chile	-	-	-	816	-	-
	France	4,204	-	-	11,052	-	-
	Germany	-	-	-	546	-	-

Sash or casement sections	United States	184	-	-	1,617	-	-
	United Kingdom	28	-	-	180	-	-
	Belgium	-	-	-	33	-	-
Cold finished, n.o.p.	United States	156	206	4.0	2,479	1,157	79.4
	United Kingdom	186	-	14.9	1,312	3	49.4
	Belgium	-	-	-	550	-	-
	Germany	-	-	-	6	8	-
	Sweden	-	-	-	6	-	.6
Cold finished, for agricultural implements	United States	27	-	-	621	2	-
	United States	188	37	-	1,285	379	-
	United Kingdom	75	47	-	325	301	-
	Austria	-	1	-	-	22	-
	Germany	-	-	-	-	39	-
	Sweden	-	8	-	-	65	-
Structurals -	United States	16,175	-	-	112,351	-	-
W. F. beams, 8" and over	United Kingdom	-	-	-	148	-	-
	Belgium	4,128	-	-	12,808	-	-
	France	-	-	-	225	-	-
	Germany	1,048	-	-	2,272	-	-
	Norway	-	-	-	234	-	-
W.F. beams, under 8"	United States	1,275	-	-	6,428	-	-
	Belgium	88	-	-	467	-	-
Sheet piling	United States	211	-	-	866	-	-
	United Kingdom	-	-	-	4,118	-	-
	Belgium	1,253	-	-	3,175	-	-
	France	32	-	-	546	-	-
	Germany	285	-	-	688	-	-
All other	United States	8,548	-	-	60,750	-	-
	United Kingdom	694	-	-	6,306	-	-
	Austria	17	-	-	17	-	-
	Belgium	14,235	-	-	40,854	-	-
	France	4,512	-	-	16,412	-	-
	Germany	60	-	-	2,184	-	-
	Italy	-	-	-	15	-	-
	Norway	-	-	-	3,091	-	-

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Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	June, 1957			Six months ended June, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Structurals (concluded) - Bar size angles, channels, etc.	United States	1,410	-	2.5	9,312	-	108.9
	United Kingdom	283	-	-	1,629	-	-
	Belgium	1,119	-	-	5,246	-	-
	France	266	-	-	2,210	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	-	-	-	1.5
For agricultural implements	United States	-	-	-	163	-	-
Plates -							16
78" and under in width	United States	11,548	34	32.0	72,136	565	541.5
	United Kingdom	1,908	-	59.9	10,485	-	368.4
	Australia	172	-	-	3,423	-	-
	Austria	33	-	-	33	-	-
	Belgium	1,425	-	-	3,698	-	-
	Chile	1,065	-	-	6,531	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	47	-	-	452	-	-
	Germany	1,633	-	-	5,092	-	-
	Japan	593	-	-	6,603	-	-
	Sweden	-	-	12.7	-	-	13.1
Over 78" and under 100" in width	United States	4,889	402	4.9	26,033	411	70.0
	United Kingdom	1,735	-	-	10,063	-	3.4
	Austria	139	-	-	139	-	-
	Belgium	-	-	-	312	-	-
	Germany	362	-	-	1,480	-	-
	Japan	-	-	-	251	-	-

100" in width and over	United States 677	2	-	4,886	37	25.5
	United Kingdom 260	-	-	1,392	29	-
	Germany	-	-	17	-	-
Flanged, dished or curved	United States 147	-	3.2	1,779	-	63.1
	United Kingdom	-	-	93	-	-
Boiler, pulp-mill digesters	United States 265	-	-	1,678	-	2.1
	United Kingdom 118	-	-	148	-	-
Chequered or surface pattern	United States 1,602	-	-	8,700	-	-
	United Kingdom 28	-	-	339	-	-
<hr/>						
Sheets -						
Silicon .075 or more	United States -	1,686	-	-	9,899	-
	United Kingdom	-	-	-	109	-
Galvanized	United States 422	-	-	4,450	-	-
	United Kingdom 5	-	-	27	-	-
						- 17 -
Corrugated	United States 24	-	-	940	-	-
	United Kingdom	-	-	4	-	-
For tubes	United States 385	-	-	16,114	-	-
For tubular products	United States	-	-	-	-	-
Hot rolled -						
18 gauge and heavier	United States 3,674	7	11.7	37,659	192	170.3
	United Kingdom 30	-	32.0	1,234	-	188.6
	Netherlands	-	-	32	-	-
	Sweden	-	15.8	-	-	118.6
Lighter than 18 gauge	United States -	-	1.0	313	47	93.4
	United Kingdom	-	-	7	-	10.8
Cold rolled -						
18 gauge and heavier	United States 489	-	63.5	4,544	20	426.3
	United Kingdom	-	43.6	469	-	554.0

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	June, 1957			Six months ended June, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	521	-	140.0	5,029	4	665.0
	United Kingdom	13	-	60.3	508	-	276.7
For motor vehicles	United States	1,025	-	-	5,767	-	-
For hollow-ware (vitreous enamel)	United States	606	-	-	5,948	-	-
	United Kingdom	42	-	-	308	-	-
Coated with paint, tar, asphaltum, etc.	United States	211	-	-	935	-	-
	United Kingdom	-	-	-	18	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-	18
For saws	United States	-	50	-	9	265	-
	United Kingdom	-	-	-	1	5	-
	Germany	-	-	-	-	3	-
	Sweden	-	1	-	-	8	-
Wasters and rejects	United States	355	-	-	2,806	-	-
Tin mill black plate	United States	-	-	-	102	-	-
Tin plate - Primes	United States	-	-	-	88	-	-
	United Kingdom	13	-	-	3,299	-	-
Tin plate - Electrolytic coating	United States	43	-	-	448	-	-
	United Kingdom	-	-	-	489	-	-
Tin plate wasters and seconds	United States	-	-	-	-	-	-
Terne plate - Long	United States	243	-	-	2,451	-	-
Short	United States	77	-	-	545	-	-

Strip -									
Hot rolled -									
18 gauge and heavier									
	363		-	-	3,775	12	1.6		
	26	United States	-	-	428	-	-		
	-	United Kingdom	-	-	321	-	-		
	-	Belgium	-	-	55	-	-		
	-	Germany	-	-		-	-		
Lighter than 18 gauge									
	306	United States	-	-	1,041	19	7.4		
	-	United Kingdom	-	-	11	1	-		
Cold rolled -									
18 gauge and heavier									
	63	United States	17	35.7	546	126	190.6		
	16	United Kingdom	-	-	49	-	-		
	-	Sweden	-	-	-	16	-		
Lighter than 18 gauge									
	162	United States	1	30.0	865	49	299.0		
	14	United Kingdom	-	-	71	-	-		
	12	Sweden	-	.5	130	10	1.9		
Hot rolled strip for cold rolling									
	-	United States	-	-	-	-	-	- 19	
For saws									
	16	United States	116	-	30	320	-		
	-	United Kingdom	2	-	-	12	-		
	-	Sweden	15	-	-	84	-		
For tubes									
	-	United States	-	-	39	-	-		
For tubular products									
	-	United States	-	-	-	-	-		
For shoe and corset laces, buckles, ball bearings, etc.									
	-	United States	-	-	143	-	-		
	-	United Kingdom	-	-	13	-	-		
For motor vehicles									
	445	United States	-	-	1,705	-	-		

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	June, 1957			Six months ended June, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For hoops	United States	122	-	-	451	-	-
	United Kingdom	-	-	-	153	-	-
	Germany	-	-	-	2	-	-
Coated or covered with paint, tar, asphaltum, etc.	United States	640	-	-	3,900	-	-
	United Kingdom	-	-	-	33	-	-
	Germany	-	-	-	62	-	-
For butts and hinges	United States	22	-	-	107	-	-
Hoop band or strip, galvanized	United States	206	-	-	1,237	-	-
	United Kingdom	3	-	-	55	-	-
	Belgium	-	-	-	6	-	-
Silicon .075 or more	United States	-	448	-	-	3,775	-
Skelp -							
12" and under in width	United States	9,182	-	-	50,647	-	-
	Germany	-	-	-	1,906	-	-
Over 12" in width	United States	1,511	-	-	16,533	-	-
Plate for pipe	United States	14,236	-	-	67,330	-	-

	United States	171	-	-	2,056	-	-
Pipes and tubes -							
Spiral weld pipe	United States	171	-	-	2,056	-	-
For bedstead	United States	-	-	-	1	-	-
	United Kingdom	3	-	-	3	-	-
	Germany	1	-	-	4	-	-
Cast	United States	162	-	-	452	-	-
	United Kingdom	2,349	-	-	12,181	-	-
	Germany	-	-	-	130	-	-
Repair of pressure parts of boilers -							
Seamless, hot finished	United States	97	43	-	1,932	290	-
	United Kingdom	8	-	-	501	-	-
	Germany	35	-	-	35	-	-
	Sweden	-	-	-	13	-	-
Seamless, cold drawn	United States	5	17	2.0	389	135	5.9
	United Kingdom	81	-	-	129	-	-
	Sweden	-	-	-	5	-	-
Welded	United States	22	-	-	849	-	32.2
	United Kingdom	193	-	-	999	-	-
	Switzerland	-	-	-	198	-	-
Seamless, 12" and under in diameter -							
Cold drawn	United States	306	28	26.8	4,024	422	177.5
	United Kingdom	93	-	22.0	962	14	127.4
	Germany	27	-	-	27	-	-
	Sweden	1	46	7.2	90	165	25.1
Hot finished	United States	965	265	.4	4,529	1,356	5.2
	United Kingdom	480	-	-	4,376	-	-
	Australia	-	-	-	188	-	-
	Germany	-	-	-	170	26	-
	Italy	-	-	-	1	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	June, 1957				Six months ended June, 1957			
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy	Stainless	
Pipes and tubes (concluded) -									
Seamless, over 12" in diameter -									
Gold drawn	United States	-	-	-	-	-	-	-	-
Hot finished	United States	300	-	-	2,282	8	1.5	-	-
	United Kingdom	130	-	-	641	-	-	-	-
	Italy	-	-	-	6	-	-	-	-
Welded 4" and under in diameter									
	United States	250	-	6.1	3,594	1	29.9	-	-
	United Kingdom	550	-	-	2,537	-	1.2	-	-
	Austria	-	-	-	122	-	-	-	22
	Belgium	35	-	-	169	-	-	-	-
	France	-	-	-	104	-	-	-	-
	Germany	81	-	-	349	-	-	-	-
Welded over 4" in diameter									
	United States	17,722	-	1.0	195,875	-	53.4	-	-
	United Kingdom	8,943	-	-	42,790	-	-	-	-
Conduit	United States	19	-	-	1,015	-	-	-	-
Casing									
	United States	9,075	-	-	56,096	-	-	-	-
	United Kingdom	1,671	-	-	12,879	-	-	-	-
	Australia	-	-	-	281	-	-	-	-
	Belgium	-	-	-	1,054	-	-	-	-
	Czechoslovakia	156	-	-	4,060	-	-	-	-
	France	332	-	-	3,592	-	-	-	-
	Germany	333	-	-	10,004	-	-	-	-
	Italy	1,276	-	-	4,860	-	-	-	-
	Japan	1,775	-	-	21,788	-	-	-	-
Tubing -									
Not over 1/2" diameter, welded									
and coated	United States	29	-	-	172	-	-	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	June, 1957			Six months ended June, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire products (concluded) -							
Welding rods	United States	68	94	2.8	666	196	17.9
Welding wire in coils	United States	48	-	3.0	121	22	4.7
Wire rods not over 3/8" in diameter ...	United States	105	-	-	985	-	-
	United Kingdom	115	-	-	1,023	-	-
	Belgium	936	-	-	1,435	-	-
	Germany	-	-	-	589	-	-
							- 24 -
Axles - For railway vehicles	United States	16	-	-	310	-	-
	United Kingdom	-	-	-	190	-	-
Tires - For railway rolling stock	United States	75	-	-	122	-	-
	United Kingdom	125	-	-	591	-	-
Wheels - For railway rolling stock	United States	1	-	-	19	-	-
	United Kingdom	995	-	-	7,233	-	-
Rails -							
60 lb. and under	United States	147	-	-	1,085	-	-
	Belgium	19	-	-	218	-	-
	France	49	-	-	49	-	-
	Germany	133	-	-	1,768	-	-
	Netherlands	30	-	-	30	-	-

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	June, 1957			Six months ended June, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Net tons of 2,000 pounds)					
United States ..	116,090	3,789	409.0	887,257	22,095	3,781.8
United Kingdom .	27,755	78	250.9	159,364	836	1,632.1
Australia	172	-	-	4,038	-	-
Austria	189	1	-	326	22	-
Belgium (1)	25,304	-	-	90,538	-	-
Chile	1,065	-	-	7,565	-	-
Czechoslovakia .	156	-	-	4,223	-	-
Denmark	1	-	-	14	-	-
France	9,682	-	-	36,495	-	-
Germany	4,137	-	-	28,651	85	-
Italy	1,276	-	-	4,882	-	-
Japan	2,368	-	-	28,710	-	-
Netherlands	36	-	-	307	-	-
Norway	30	-	-	3,754	-	-
Sweden	24	70	41.2	287	357	168.5
Switzerland	-	-	-	198	-	-
Total	188,285	3,938	701.1	1,256,609	23,395	5,582.4

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	June, 1957	Six months ended June, 1957
	(Net tons of 2,000 pounds)	
Pig iron	71,444	132,571
Ingots, blooms and billets	7,544	28,104
Bars	1,157	8,164*
Rods	51	533
Plates, sheets and strips	2,660	29,314
Rails	574	67,782
Structural shapes	424	1,856
Pipe and tubing - Wrought iron	950	7,520
Cast iron	132	439*
Galvanized	275	336
Other	5,379	9,406
Castings, iron and steel	312	6,345
Forgings	360	2,534
Total	91,262	294,904*

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.

* Revised.



EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1957.



PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	July, 1957	Seven months ended July, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	122,584	744,277
(b) From foreign mines	308,528	2,203,044
Pyrite cinder	-	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	68,936	479,970
(b) From foreign mines	-	-
(c) From own processing	103,585	683,459
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	17,297	113,268
Scrap iron and steel	16,461	107,195
Limestone	96,201	687,902
Dolomite	30,667	201,151
Coke	291,350	1,959,001

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, July

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	246,445	18,477	257,748	29,810
Foundry (including silvery pig)	11,717	10,712	5,141	6,469
Malleable	49,480	38,362	66,309	53,064
Total pig iron	307,642	67,551	329,198	89,343
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	140,922		217,507	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Seven Months Ended July

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	1,733,251	69,174	1,969,659	152,731
Foundry (including silvery pig)	73,762	79,755	60,700	73,924
Malleable	228,313	211,196	221,258	176,084
Total pig iron	2,035,326	360,125	2,251,617	402,739
Ferro-alloys	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - See table 10.

Table 4 - Description of Iron Blast Furnaces at End of July, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	15	4,148,875	98.3
Banked	-	-	-
Blown out	1	73,000	1.7
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	July		Seven Months Ended July	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	250,899	246,837	1,668,834	1,763,680
Scrap - Own make	107,909	120,394	786,043	819,824
Purchased	115,309	98,769	832,193	827,664
Total pig iron and scrap	474,117	466,000	3,287,070	3,411,168

Table 7 - Production and Sales of Steel Ingots and Castings, July

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	389,104	402	388,240	49
Electric	43,336	-	29,956	1,767
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	432,440	402	418,196	1,816
Alloy steel ingots included in above ...	18,436	-	20,502	140
<u>Steel castings</u>				
Open hearth - basic	2,757	2,332	2,825	2,953
Electric	6,366	5,794	6,819	6,982
Other	-	7	8	6
Total steel Castings	9,123	8,133	9,652	9,941
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	225	194	184	268
(b) High alloy, manganese and abrasion resistant	1,465	1,452	1,774	1,908
(c) All other alloys	485	186	505	399
Total alloy castings	2,175	1,832	2,463	2,575

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Seven Months Ended July

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	2,664,305	2,324	2,764,435	4,12
Electric	324,581	209	269,732	27,24
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	2,988,886	2,533	3,034,167	31,37
Alloy steel ingots included in above	128,204	169	155,303	1,20
<u>Steel castings</u>				
Open hearth - basic	19,316	17,099	19,197	18,90
Electric	49,949	42,372	55,590	54,03
Other	260	231	384	42
Total steel castings	69,525	59,702	75,171	73,36
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,502	1,284	1,543	1,659
(b) High alloy, manganese and abrasion resistant	11,060	10,161	12,743	12,526
(c) All other alloys	3,379	2,122	4,219	3,665
Total alloy castings	15,941	13,567	18,505	17,850

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth"
 NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	July, 1957		Seven months ended July, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	-	173	85	1,827
Automotive industries	48	8	914	169
Agricultural, including implement and equipment manufacturers	74	1	891	76
Machinery and tools	1,497	270	10,607	2,293
Mining, lumbering and quarrying industries	513	1,260	5,414	8,338
Oil and gas, including refineries	44	35	860	297
National defence	8	19	42	107
Public works and public utilities	295	53	1,752	484
Railway operating	540	188	5,103	1,143
Railway cars and locomotives	3,907	110	25,579	574
Shipbuilding	62	156	660	543
Miscellaneous and unclassified	378	302	3,484	1,903
Total shipments	7,366	2,575	55,510	17,850

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,157 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
July	329,198		418,196	9,652	427,848
Total seven months	2,251,617		3,034,167	75,171	3,109,338

- (1) First quarter.
 (2) Second quarter.
 (3) Third quarter.
 (4) Fourth quarter.

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, July, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	41,474	45,920
Other (including seamless and buttweld)	17,711	17,639
Total	59,185	63,559
Pipe and tubing by class:		
Standard and line pipe	51,668	56,639
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,594	3,566
Miscellaneous	3,923	3,354
Total	59,185	63,559
Steel pipe fittings:		
Buttweld fittings	280	303
Other (including flanges and flanged fittings)	196	227
Total	476	530
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Seven Months Ended July, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	248,730	245,805
Other (including seamless and buttweld)	120,059	118,460
Total	368,789	364,265
Pipe and tubing by class:		
Standard and line pipe	314,794	313,811
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	26,045	24,837
Miscellaneous	27,950	25,617
Total	368,789	364,265
Steel pipe fittings:		
Buttweld fittings	2,554	2,531
Other (including flanges and flanged fittings)	2,181	1,923
Total	4,735	4,454
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, July, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	18,927	12,906	12,293	613
(b) For forging and piercing	13,733	13,860	-	13,860
Rails	35,754	33,887	-	33,887
Wire rods	17,016	16,531	-	16,531
Structural shapes:				
(a) Heavy, including piling	18,614	17,516	-	17,516
(b) Light	4,419	5,529	-	5,529
Concrete reinforcing bars	28,423	24,315	-	24,315
Other hot rolled bars	34,337	29,846	2,031	27,815
Tie plates and track material:				
(a) Angle bars	1,918	1,957	-	1,957
(b) Tie plates	5,604	5,705	-	5,705
(c) Track spikes	1,111	1,603	-	1,603
Plates	48,528	47,044	-	47,044
Hot rolled sheets and strip	109,434	113,801	78,426	35,375
Total all hot rolled products	337,818	324,500	92,750	231,750
<u>Cold rolled and coated</u>				
Cold finished bars	1,919	1,901	-	1,901
Cold reduced strip	2,279	2,332	-	2,332
Cold reduced sheets, tin mill				
black plate and tin plate	84,916	87,465	40,439	47,026
Galvanized sheets	14,545	15,017	-	15,017
Total all cold rolled and coated ..	103,659	106,715	40,439	66,276
Grand total all carbon products	441,477	431,215	133,189	298,026
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	595	595	-	595
Alloy plates	621	689	-	689
Other hot rolled bars, including				
high-speed steel and alloy tool steel	5,809	6,100	-	6,100
Structurals	32	-	-	-
Cold finished bars	465	436	-	436
Wire rods	179	170	-	170
Hot and cold rolled sheets, silicon				
sheets and strip and stainless steel	1,601	1,755	-	1,755
Total all alloy products	9,302	9,745	-	9,745

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Seven Months Ended July, 1957

Production
 Total
of all
shipments
 Shipments
for further
processing
 Net
shipments

(Net tons of 2,000 pounds)

Carbon steel

Hot rolled

Semi-finished shapes:

(a) For re-rolling 124,444 112,205 109,540 2,665

(b) For forging and piercing 81,498 81,051 - 81,051

Rails 227,178 234,191 - 234,191

Wire rods 179,180 183,263 - 183,263

Structural shapes:

(a) Heavy, including piling 162,629 172,296 - 172,296

(b) Light 54,103 44,536 - 44,536

Concrete reinforcing bars 187,103 174,222 - 174,222

Other hot rolled bars 257,719 248,907 15,616 233,291

Tie plates and track material:

(a) Angle bars 12,647 12,478 - 12,478

(b) Tie plates 50,771 52,380 - 52,380

(c) Track spikes 8,875 9,259 - 9,259

Plates 337,661 335,341 - 335,341

Hot rolled sheets and strip 802,858 812,911 525,533 287,378

Total all hot rolled products 2,486,666 2,473,040 650,689 1,822,351

Cold rolled and coated

Cold finished bars 19,240 19,320 - 19,320

Cold reduced strip 24,835 25,616 - 25,616

Cold reduced sheets, tin mill
black plate and tin plate 582,404 601,383 268,191 333,192

Galvanized sheets 97,361 99,958 - 99,958

Total all cold rolled and coated .. 723,840 746,277 268,191 478,086

Grand total all carbon products 3,210,506 3,219,317 918,880 2,300,437

Alloy steel

Semi-finished shapes:

(a) For re-rolling 10 76 - 76

(b) For forging and piercing 4,672 4,548 - 4,548

Alloy plates 3,042 2,846 - 2,846

Other hot rolled bars, including
high-speed steel and alloy tool
steel 59,325 59,645 7 59,638

Structurals 148 40 - 40

Cold finished bars 3,654 3,648 - 3,648

Wire rods 1,145 898 - 898

Hot and cold rolled sheets,
silicon sheets and strip and
stainless steel 13,306 13,510 - 13,510

Total all alloy products 85,302 85,211 7 85,204

Table 15 - Disposition of Shipments* of Rolled Steel Products

	July, 1957		Seven months ended July, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	28,504	357	231,821	3,178
Direct export:				
(a) British Empire	366	556	3,170	4,701
(b) All other	3,302	758	86,515	6,256
Automotive industries	10,955	2,866	87,922	30,163
Agricultural, including implement and equipment manufacturers	4,989	91	32,593	634
Building construction	54,715	54	407,001	426
Container industry	30,235	73	190,475	192
Machinery and tools	13,542	1,065	133,439	13,920
Merchant trade products	23,501	286	243,065	2,438
Mining, lumbering, etc.	3,933	2,078	45,186	13,559
National defence	139	61	2,190	874
Pressing, forming and stamping	11,702	640	100,052	4,623
Public works and utilities	3,038	-	24,048	-
Railway operating	44,943	20	263,138	425
Railway cars and locomotives	14,550	827	132,059	3,655
Shipbuilding	3,531	13	16,946	133
Pipes and tubes	45,822	-	295,367	27
Miscellaneous and unclassified	259	-	5,450	-
Net shipments	298,026	9,745	2,300,437	85,204

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, July, 1957

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	124	439	54	4,661	3,137
Direct export:					
(a) British Empire	109	-	-	-	-
(b) All other	885	359	-	18	-
Automotive industries	1,075	-	-	447	-
Agricultural, including implement and equipment manufacturers	-	-	93	367	-
Building construction	-	172	350	10,202	16,643
Container industry	65	-	-	-	-
Machinery and tools	151	-	188	1,226	-
Merchant trade products	169	-	15,815	182	1,601
Mining, lumbering, etc.	101	356	125	297	87
National defence	14	-	-	-	26
Pressing, forming and stamping .	-	-	73	735	150
Public works and utilities	-	-	2	-	2,671
Railway operating	22	31,989	-	1,265	-
Railway cars and locomotives ...	3,745	572	1	3,327	-
Shipbuilding	4	-	-	297	-
Pipes and tubes	8,604	-	-	10	-
Miscellaneous and unclassified .	-	-	-	11	-
Net shipments	15,068	33,887	16,701	23,045	24,315

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
5,727	13	4,515	2,610	565	127	3,108	3,781	28,861
491	-	-	204	12	-	106	-	922
375	5	2	415	7	-	1,994	-	4,060
5,073	-	107	3,684	622	572	2,164	77	13,821
1,629	-	251	1,158	295	21	716	550	5,080
2,539	10	9,427	2,556	4	252	2,934	9,680	54,769
33	-	-	860	1	-	29,138	211	30,308
3,698	1	6,297	1,502	281	268	816	179	14,607
4,530	-	30	842	238	32	242	106	23,787
4,218	140	390	85	67	-	145	-	6,011
61	-	6	12	59	22	-	-	200
2,438	-	81	3,569	185	565	4,238	308	12,342
178	-	-	-	-	-	187	-	3,038
1,110	9,093	1,274	187	1	-	22	-	44,963
1,237	3	4,515	1,927	-	-	-	50	15,377
315	-	2,897	7	-	-	24	-	3,544
211	-	17,939	17,512	-	330	1,141	75	45,822
52	-	2	-	-	143	51	-	259
33,915	9,265	47,733	37,130	2,337	2,332	47,026	15,017	307,771

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Seven

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	126	1,246	1,023	44,857	25,056
Direct export:					
(a) British Empire	2,360	-	-	-	439
(b) All other	3,226	52,211	-	587	36
Automotive industries	8,034	2	44	1,735	-
Agricultural, including implement and equipment manufacturers	72	-	245	4,038	-
Building construction	512	560	5,889	93,326	114,190
Container industry	65	-	12	33	-
Machinery and tools	5,082	634	896	10,174	12
Merchant trade products	1,625	-	175,237	1,933	11,461
Mining, lumbering, etc.	1,367	10,031	485	4,854	1,372
National defence	248	-	-	-	221
Pressing, forming and stamping .	69	-	185	6,694	150
Public works and utilities	69	26	4	126	21,278
Railway operating	1,801	168,544	40	5,278	7
Railway cars and locomotives ...	28,304	880	81	40,369	-
Shipbuilding	77	29	-	2,726	-
Pipes and tubes	32,674	-	-	10	-
Miscellaneous and unclassified .	2,629	28	20	92	-
Net shipments	88,340	234,191	184,161	216,832	174,222

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

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Months Ended July, 1957.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
39,741	67	34,770	28,771	6,190	1,198	25,019	26,935	234,999
2,739	-	-	1,217	79	-	975	62	7,871
3,876	3,686	448	9,626	29	75	18,481	490	92,771
38,485	-	1,111	40,414	6,421	4,042	17,110	687	118,085
10,692	-	1,190	8,761	1,537	172	3,566	2,954	33,227
24,503	43	53,664	30,640	127	3,810	19,559	60,604	407,427
209	-	73	5,277	16	38	184,332	612	190,667
42,844	35	54,817	16,313	3,369	2,788	9,522	873	147,359
44,178	-	642	6,851	1,894	311	1,233	138	245,503
34,261	419	3,628	1,351	417	109	365	86	58,745
1,422	-	123	360	522	154	14	-	3,064
23,222	-	446	19,857	2,244	6,707	41,894	3,207	104,675
960	16	328	20	28	700	411	82	24,048
9,868	69,634	6,042	1,460	38	8	201	642	253,563
11,838	216	35,977	15,209	23	18	358	2,441	135,714
1,949	1	12,089	146	17	-	35	10	17,079
1,161	-	132,837	114,614	6	4,128	9,829	135	295,394
1,021	-	2	1	11	1,358	288	-	5,450
292,969	74,117	338,187	300,888	22,968	25,616	333,192	99,958	2,385,641

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	July, 1957				Seven months ended July, 1957	
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy
Pig iron -							
Basic	United States	-	-	-	-	104	-
Foundry	United States	316	-	-	-	991	-
	United Kingdom	-	-	-	-	123	-
	Australia	-	-	-	-	146	-
Malleable	United States	-	-	-	-	34	-
Silvery	United States	-	-	-	-	1,524	-
Ingots	United States	48	47	13.9	-	399	503
Billets, blooms, slabs and sheet bars ...	United States	44	61	21.3	-	893	449
	United Kingdom	-	15	-	-	1	37
	Sweden	-	-	-	-	-	4
Tube rounds and tube billets	United States	1,418	-	-	-	15,073	-
Bars and sections -							
Hot rolled, n.o.p.	United States	2,610	209	3.2	-	24,899	1,503
	United Kingdom	1,069	35	11.6	-	5,141	336
	Austria	-	-	-	-	15	-
	Belgium	509	-	-	-	3,896	-
	Chile	-	-	-	-	218	-
	France	151	-	-	-	1,592	-
	Germany	19	-	-	-	155	9
	Sweden	-	-	2.0	-	22	5
							4.8
Hot rolled -							
For agricultural implements	United States	41	-	-	-	516	85
Rounds over 4 7/8", squares over 4" ..	United States	1,628	1	-	-	4,023	55
	United Kingdom	19	-	.7	-	196	34
Concrete reinforcing bars	United States	180	-	-	-	14,590	-
	Belgium	1,534	-	-	-	18,083	-
	Chile	-	-	-	-	816	-
	France	556	-	-	-	11,608	-
	Germany	-	-	-	-	-	-

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Sash or casement sections	United States United Kingdom Belgium	343 16 43	- - -	- - -	1,960 196 76	- - -
Cold finished, n.o.p.	United States United Kingdom Belgium Germany Sweden	195 676 80 - -	70 - - - -	9.4 12.5 - - -	2,674 1,988 630 6 6	88.8 61.9 - - .6
Cold finished, for agricultural implements	United States United States United Kingdom Austria Germany Sweden	40 229 119 - - -	- 174 38 5 - 11	- - - - - -	661 1,514 444 - - -	2 553 339 27 39 76
Tool steel						
Structurals -						
W. F. beams, 8" and over	United States United Kingdom Belgium France Germany Norway	19,961 - 2,900 105 135 -	- - - - - -	- - - - - -	132,312 148 15,708 330 2,407 234	- - - - - -
W.F. beams, under 8"	United States Belgium	887 -	- -	- -	7,315 467	- -
Sheet piling	United States United Kingdom Belgium France Germany	479 2,033 1,220 141 923	- - - - -	- - - - -	1,345 6,151 4,395 687 1,611	- - - - -
All other	United States United Kingdom Austria Belgium France Germany Italy Norway	8,207 239 - 10,063 4,535 317 - 390	- - - - - - - -	- - - - - - - -	68,957 6,545 17 50,917 20,947 2,501 15 3,481	- - - - - - - -

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	July, 1957			Seven months ended July, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Structurals (concluded) -							
Bar size angles, channels, etc.	United States	706	-	6.9	10,018	-	115.8
	United Kingdom	319	-	-	1,948	-	-
	Belgium	732	-	-	5,978	-	-
	France	142	-	-	2,352	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	-	-	-	1.5
For agricultural implements	United States	3	-	-	166	-	-
Plates -							
78" and under in width	United States	13,387	32	50.7	85,523	597	592.2
	United Kingdom	904	-	39.9	11,389	-	408.3
	Australia	-	-	-	3,423	-	-
	Austria	-	-	-	33	-	-
	Belgium	90	-	-	3,788	-	-
	Chile	-	-	-	6,531	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	156	-	-	608	-	-
	Germany	368	-	-	5,460	-	-
	Japan	917	-	-	7,520	-	-
	Sweden	-	-	-	-	-	13.1
Over 78" and under 100" in width	United States	7,069	673	5.7	33,102	1,084	75.7
	United Kingdom	1,375	-	21.9	11,438	-	25.3
	Austria	-	-	-	139	-	-
	Belgium	-	-	-	312	-	-
	Germany	96	-	-	1,576	-	-
	Japan	535	-	-	786	-	-

100" in width and over	United States	872	-	-	5,758	31	23.5
	United Kingdom	564	-	-	1,956	29	-
	Germany	-	-	-	17	-	-
Flanged, dished or curved	United States	273	-	6.9	2,052	-	70.0
	United Kingdom	-	-	-	93	-	-
Boiler, pulp-mill digesters	United States	493	-	33.4	2,171	-	35.5
	United Kingdom	-	-	-	148	-	-
Chequered or surface pattern	United States	991	-	-	9,691	-	-
	United Kingdom	93	-	-	432	-	-

Sheets -							
Silicon .075 or more	United States	-	2,126	-	-	12,025	-
	United Kingdom	-	-	-	-	109	-
Galvanized	United States	633	-	-	5,083	-	-
	United Kingdom	-	-	-	27	-	-
Corrugated	United States	578	-	-	1,518	-	-
	United Kingdom	-	-	-	4	-	-
For tubes	United States	15	-	-	16,129	-	-
For tubular products	United States	-	-	-	-	-	-
Hot rolled -							
18 gauge and heavier	United States	2,579	2	4.0	40,238	194	174.3
	United Kingdom	39	-	13.3	1,273	-	201.9
	Netherlands	-	-	-	32	-	-
	Sweden	-	-	42.8	-	-	161.4
Lighter than 18 gauge	United States	-	-	-	313	47	93.4
	United Kingdom	8	-	-	15	-	10.8
Cold rolled -							
18 gauge and heavier	United States	402	2	37.6	4,946	22	463.9
	United Kingdom	37	-	68.1	506	-	622.1
	Sweden	-	-	2.2	-	-	2.2

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	July, 1957		Seven months ended July, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy
(Tons of 2,000 pounds)						
Sheets (concluded)						
Gold rolled (concluded) -						
Lighter than 18 gauge	United States	435	-	134.0	5,464	4
	United Kingdom	122	-	32.7	630	-
	Sweden	-	-	5.6	-	-
	United States	875	-	-	6,642	-
For motor vehicles	United States	875	-	-	-	-
	United States	690	-	-	6,638	-
	United Kingdom	26	-	-	334	-
For hollow-ware (vitreous enamel)	United States	690	-	-	-	-
	United Kingdom	26	-	-	-	-
Coated with paint, tar, asphaltum, etc.	United States	121	-	-	1,056	-
	United Kingdom	17	-	-	35	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-
	United States	-	-	-	-	-
For saws	United States	1	13	-	10	278
	United Kingdom	-	2	-	1	7
	Germany	-	-	-	-	3
	Sweden	-	-	-	-	8
Wasters and rejects	United States	482	-	-	3,288	-
	United States	482	-	-	-	-
Tin mill black plate	United States	6	-	-	108	-
	United States	6	-	-	-	-
Tin plate - Primes	United States	-	-	-	88	-
	United Kingdom	-	-	-	3,299	-
Tin plate - Electrolytic coating	United States	41	-	-	489	-
	United Kingdom	-	-	-	489	-
Tin plate wasters and seconds	United States	-	-	-	-	-
	United States	-	-	-	-	-
Terne plate - Long	United States	396	-	-	2,847	-
	United States	396	-	-	-	-
Short	United States	13	-	-	558	-

Strip -									
Hot rolled -									
18 gauge and heavier									
	United States	494	-	-	4,269	12	1.6		
	United Kingdom	229	-	-	657	-	-		
	Belgium	-	-	-	321	-	-		
	Germany	-	-	-	55	-	-		
Lighter than 18 gauge									
	United States	67	-	-	1,108	19	7.4		
	United Kingdom	24	-	-	35	1	-		
Cold rolled -									
18 gauge and heavier									
	United States	77	67	15.3	623	193	205.9		
	United Kingdom	23	-	-	72	-	-		
	Sweden	-	-	-	-	16	-		
Lighter than 18 gauge									
	United States	115	7	85.9	980	56	384.9		
	United Kingdom	4	-	-	75	-	-		
	Sweden	30	-	-	160	10	1.9		
Hot rolled strip for cold rolling									
	United States	-	-	-	-	-	-		
For saws									
	United States	30	38	-	60	358	-		
	United Kingdom	-	2	-	-	14	-		
	Sweden	-	6	-	-	90	-		
For tubes									
	United States	-	-	-	39	-	-		
For tubular products									
	United States	1	-	-	1	-	-		
For shoe and corset laces, buckles, ball bearings, etc.									
	United States	-	-	-	143	-	-		
	United Kingdom	-	-	-	13	-	-		
For motor vehicles									
	United States	390	-	-	2,095	-	-		

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	July, 1957			Seven months ended July, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For hoops	United States	-	-	-	451	-	-
	United Kingdom	23	-	-	176	-	-
	Germany	2	-	-	4	-	-
Coated or covered with paint, tar, asphaltum, etc.	United States	610	-	-	4,510	-	-
	United Kingdom	-	-	-	33	-	-
	Germany	-	-	-	62	-	-
For butts and hinges	United States	-	-	-	107	-	-
Hoop band or strip, galvanized	United States	219	-	-	1,456	-	-
	United Kingdom	-	-	-	55	-	-
	Belgium	-	-	-	6	-	-
	Japan	6	-	-	6	-	-
Silicon .075 or more	United States	-	468	-	-	4,243	-
Skelp -							
12" and under in width	United States	2,344	-	-	52,991	-	-
	United Kingdom	168	-	-	168	-	-
	Germany	-	-	-	1,906	-	-
Over 12" in width	United States	1,268	-	-	17,801	-	-
Plate for pipe	United States	26,760	-	-	94,090	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)									
Commodity	Country of origin	July, 1957			Seven months ended July, 1957				
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless		
(Tons of 2,000 pounds)									
Pipes and tubes (concluded) -									
Seamless, over 12" in diameter -									
Cold drawn	United States	-	-	-	-	-	-	-	-
Hot finished	United States	8,517	31	-	-	10,799	39	1.5	-
	United Kingdom	-	-	-	-	641	-	-	-
	Italy	-	-	-	-	6	-	-	-
Welded 4" and under in diameter									
	United States	887	-	4.3	-	4,481	1	34.2	-
	United Kingdom	1,331	-	-	-	3,868	-	1.2	-
	Austria	-	-	-	-	122	-	-	-
	Belgium	46	-	-	-	215	-	-	-
	France	81	-	-	-	185	-	-	-
	Germany	-	-	-	-	349	-	-	-
Welded over 4" in diameter									
	United States	51,859	-	7.8	-	247,734	-	61.2	-
	United Kingdom	17,414	-	-	-	60,204	-	-	-
Conduit	United States	158	-	-	-	1,173	-	-	-
Casing									
	United States	8,287	-	-	-	64,383	-	-	-
	United Kingdom	869	-	-	-	13,748	-	-	-
	Australia	-	-	-	-	281	-	-	-
	Belgium	683	-	-	-	1,737	-	-	-
	Czechoslovakia	519	-	-	-	4,579	-	-	-
	France	680	-	-	-	4,272	-	-	-
	Germany	1,473	-	-	-	11,477	-	-	-
	Italy	1,682	-	-	-	6,542	-	-	-
	Japan	3,777	-	-	-	25,565	-	-	-
Tubing -									
Not over 1/2" diameter, welded									
and coated	United States	20	-	-	-	192	-	-	-

Wire products -									
Wire rope									
United States	15	-	.4	278	-	3.7			
United Kingdom	194	-	-	2,055	-	-			
Belgium	35	-	-	78	-	-			
Denmark	1	-	-	11	-	-			
Germany	119	-	-	475	-	-			
Japan	20	-	-	63	-	-			
Netherlands	138	-	-	313	-	-			
Norway	1	-	-	1	-	-			
Sweden	-	-	-	6	-	-			
Wire -									
For wire rope									
United States	110	-	-	1,359	-	2.0			
United Kingdom	1,169	-	-	9,518	-	-			
Belgium	28	-	-	28	-	-			
Germany	80	-	-	344	-	-			
Japan	-	-	-	25	-	-			
Norway	-	-	-	30	-	-			
For springs, cushions, mattresses, etc.									
United States	3	-	-	305	-	-			
United Kingdom	-	-	-	1	-	-			
For corset clasps, dress stays, etc..									
United States	2	-	-	53	-	-			
United Kingdom	4	-	-	28	-	-			
Germany	-	-	-	2	-	-			
United States	33	1	.8	543	1	1.7			
United Kingdom	96	-	-	746	-	-			
Belgium	29	-	-	112	-	-			
Denmark	-	-	-	4	-	-			
France	-	-	-	10	-	-			
Germany	-	-	-	32	-	-			
Coated or covered									
For fencing (galvanized)									
United States	-	-	-	30	-	-			
United Kingdom	98	-	-	142	-	-			
All other									
United States	338	22	4.0	1,717	131	42.5			
United Kingdom	197	-	-	872	5	-			
Belgium	38	-	-	154	-	-			
France	-	-	-	400	-	-			
Germany	28	-	-	411	-	-			
Netherlands	-	-	-	40	-	-			
Sweden	5	-	-	20	-	4.9			

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	July, 1957			Seven months ended July, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire products (concluded) - Welding rods	United States	456	72	47.0	1,122	268	64.9
Welding wire in coils	United States	136	1	.6	257	23	5.3
Wire rods not over 3/8" in diameter ...	United States	189	-	-	1,174	-	-
	United Kingdom	1	-	-	1,024	-	-
	Belgium	496	-	-	1,931	-	-
	Germany	-	-	-	589	-	-
Axles - For railway vehicles	United States	101	-	-	411	-	-
	United Kingdom	-	-	-	190	-	-
Tires - For railway rolling stock	United States	52	-	-	174	-	-
	United Kingdom	65	-	-	656	-	-
Wheels - For railway rolling stock	United States	1	-	-	20	-	-
	United Kingdom	2,119	-	-	9,352	-	-
Rails - 60 lb. and under	United States	30	-	-	1,115	-	-
	Belgium	69	-	-	287	-	-
	France	-	-	-	49	-	-
	Germany	121	-	-	1,889	-	-
	Netherlands	-	-	-	30	-	-

Rails - (concluded) Over 60 lb. and including 100 lb.	United States	367	-	-	1,587	-	-
	United Kingdom	2,216	-	-	10,967	-	-
	Germany	-	-	-	52	-	-
Over 100 lb.	United States	334	-	-	740	-	-
	France	-	-	-	1	-	-
Track material - Fish plates, angle bars, etc.	United States	86	-	-	972	-	-
	United Kingdom	2,239	-	-	6,125	-	-
	Belgium	-	-	-	14	-	-
	France	-	-	-	1	-	-
	Germany	11	-	-	51	-	-
	Netherlands	-	-	-	30	-	-
	United States	29	-	-	74	-	-
Switch points, etc.							
<hr/>							
TOTAL IMPORTS		252,024	4,450	836.0	1,508,633	27,845	6,418.4

Note - Imports reported in Table 18 for Belgium includes Luxembourg.

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	July, 1957			Seven months ended July, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Net tons of 2,000 pounds)						
United States ..	174,396	4,336	558.0	1,061,653	26,431	4,339.8
United Kingdom .	40,513	92	216.7	199,877	928	1,848.8
Australia	191	-	-	4,229	-	-
Austria	-	5	-	326	27	-
Belgium (1)	18,595	-	-	109,133	-	-
Chile	-	-	-	7,565	-	-
Czechoslovakia .	519	-	-	4,742	-	-
Denmark	1	-	-	15	-	-
France	6,547	-	-	43,042	-	-
Germany	3,737	-	-	32,388	85	-
Italy	1,682	-	-	6,564	-	-
Japan	5,255	-	-	33,965	-	-
Netherlands	138	-	-	445	-	-
Norway	391	-	-	4,145	-	-
Sweden	57	17	61.3	344	374	229.8
Switzerland	2	-	-	200	-	-
Total	252,024	4,450	836.0	1,508,633	27,845	6,418.4

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	July, 1957	Seven months ended July, 1957
	(Net tons of 2,000 pounds)	
Pig iron	75,703	208,274
Ingots, blooms and billets	5,675	33,779
Bars	982	9,146
Rods	357	890
Plates, sheets and strips	3,840	33,154
Rails	4,754	72,536
Structural shapes	505	2,361
Pipe and tubing - Wrought iron	7,490	15,010
Cast iron	163	602
Galvanized	-	336
Other	3,140	12,546
Castings, iron and steel	380	6,725
Forgings	517	3,051
Total	103,506	398,410

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.



CANADA



PRIMARY IRON AND STEEL

AUGUST, 1957

Published by Authority of

The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division

Metal and Chemical Products Section

6512 539-87

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 8

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	August, 1957	Eight months ended August, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	123,663	867,940
(b) From foreign mines	302,019	2,505,063
Pyrite cinder	-	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	76,070	556,040
(b) From foreign mines	-	-
(c) From own processing	113,373	796,832
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	18,386	131,654
Scrap iron and steel	18,229	125,424
Limestone	93,645	781,547
Dolomite	30,094	231,245
Coke	292,961	2,251,962

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, August,

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	257,453	1,133	274,447	26,825
Foundry (including silvery pig)	7,947	11,794	11,783	5,850
Malleable	51,326	41,789	52,022	35,653
Total pig iron	316,726	54,716	338,252	68,328
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	100,971		225,128	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Eight Months Ended August

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Pig iron</u>				
Basic	1,990,704	70,307	2,244,106	179,556
Foundry (including silvery pig)	81,709	91,549	72,483	79,774
Malleable	279,639	252,985	273,280	211,737
Total pig iron	2,352,052	414,841	2,589,869	471,067
Ferro-alloys	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - See table 10.

Table 4 - Description of Iron Blast Furnaces at End of August, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	14	4,039,575	95.7
Banked	-	-	-
Blown out	2	182,300	4.3
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	August		Eight Months ended August	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	259,375	256,848	1,928,191	2,020,528
Scrap - Own make	115,075	113,029	901,118	932,853
Purchased	115,075	105,334	947,268	932,998
Total pig iron and scrap	489,507	475,211	3,776,577	3,886,379

Table 7 - Production and Sales of Steel Ingots and Castings, August

	1956		1957	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	399,801	798	406,685	174
Electric	43,976	39	20,963	2,175
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	443,777	837	427,648	2,349
Alloy steel ingots included in above ...	15,337	115	15,258	148
<u>Steel castings</u>				
Open hearth - basic	1,712	1,423	1,577	1,625
Electric	6,765	6,095	5,659	5,281
Other	20	18	5	4
Total steel Castings	8,497	7,536	7,241	6,910
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	152	152	157	163
(b) High alloy, manganese and abrasion resistant	1,418	1,479	1,547	1,377
(c) All other alloys	495	214	192	176
Total alloy castings	2,065	1,845	1,896	1,716

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Eight Months Ended August

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	3,064,106	3,122	3,071,120	4,300
Electric	368,557	248	290,695	29,420
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	3,432,663	3,370	3,461,815	33,720
Alloy steel ingots included in above	143,541	284	170,561	1,355
<u>Steel castings</u>				
Open hearth - basic	21,028	18,522	20,774	20,527
Electric	56,714	48,467	61,249	59,315
Other	280	249	389	428
Total steel castings	78,022	67,238	82,412	80,270
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,654	1,436	1,700	1,822
(b) High alloy, manganese and abrasion resistant	12,478	11,640	14,290	13,903
(c) All other alloys	3,874	2,336	4,411	3,841
Total alloy castings	18,006	15,412	20,401	19,566

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	August, 1957		Eight months ended August	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	3	170	88	1,997
Automotive industries	23	13	937	182
Agricultural, including implement and equipment manufacturers	18	-	909	76
Machinery and tools	1,257	159	11,864	2,452
Mining, lumbering and quarrying industries	597	756	6,011	9,094
Oil and gas, including refineries	43	40	903	337
National defence	81	5	123	112
Public works and public utilities	86	30	1,838	514
Railway operating	548	91	5,651	1,234
Railway cars and locomotives	2,259	67	27,838	641
Shipbuilding	85	192	745	735
Miscellaneous and unclassified	194	193	3,678	2,096
Total shipments	5,194	1,716	60,704	19,566

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
1 9 5 6					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,157 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
1 9 5 7					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
July	329,198		418,196	9,652	427,848
August	338,252		427,648	7,241	434,889
Total eight months	2,589,869		3,461,815	82,412	3,544,227

(1) First quarter

(2) Second quarter

(3) Third quarter

(4) Fourth quarter

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, August, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	37,622	34,497
Other (including seamless and butt weld)	17,677	17,381
Total	55,299	51,878
Pipe and tubing by class:		
Standard and line pipe	48,568	45,278
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	2,355	2,505
Miscellaneous	4,376	4,095
Total	55,299	51,878
Steel pipe fittings:		
Butt weld fittings	441	439
Other (including flanges and flanged fittings)	169	204
Total	610	643

(1) Included with "Miscellaneous".

(2) Included with "Mechanical tubing".

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Eight Months Ended August, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	286,352	280,302
Other (including seamless and butt weld)	137,736	135,841
Total	424,088	416,143
Pipe and tubing by class:		
Standard and line pipe	363,362	359,089
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	28,400	27,342
Miscellaneous	32,326	29,712
Total	424,088	416,143
Steel pipe fittings:		
Butt weld fittings	2,995	2,970
Other (including flanges and flanged fittings)	2,350	2,127
Total	5,345	5,097

(1) Included with "Miscellaneous".

(2) Included with "Mechanical tubing".

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, August, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	13,937	8,341	7,641	700
(b) For forging and piercing	13,692	13,246	-	13,246
Rails	31,886	29,704	-	29,704
Wire rods	29,032	29,228	-	29,228
Structural shapes:				
(a) Heavy, including piling	24,509	23,220	-	23,220
(b) Light	7,613	6,507	-	6,507
Concrete reinforcing bars	17,586	23,913	-	23,913
Other hot rolled bars	19,990	24,718	1,402	23,316
Tie plates and track material:				
(a) Angle bars	1,032	871	-	871
(b) Tie plates	6,415	6,359	-	6,359
(c) Track spikes	908	855	-	855
Plates	41,941	45,735	-	45,735
Hot rolled sheets and strip	125,601	116,428	79,374	37,054
Total all hot rolled products	334,142	329,125	88,417	240,708
<u>Cold rolled and coated</u>				
Cold finished bars	2,155	2,193	-	2,193
Cold reduced strip	2,520	2,266	-	2,266
Cold reduced sheets, tin mill black plate and tin plate	87,098	85,521	41,260	44,261
Galvanized sheets	15,934	15,670	-	15,670
Total all cold rolled and coated ..	107,707	105,650	41,260	64,390
Grand total all carbon products	441,849	434,775	129,677	305,098
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	297	297	-	297
Alloy plates	782	762	-	762
Other hot rolled bars, including high-speed steel and alloy tool steel ..	4,399	4,067	-	4,067
Structurals	25	-	-	-
Cold finished bars	165	433	-	433
Wire rods	232	337	-	337
Hot and cold rolled sheets, silicon sheets and strip and stainless steel ..	1,222	1,389	-	1,389
Total all alloy products	7,122	7,285	-	7,285

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Eight Months Ended August, 1957.

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	138,381	120,546	117,181	3,365
(b) For forging and piercing	95,190	94,297	-	94,297
Rails	259,064	263,895	-	263,895
Wire rods	208,212	212,491	-	212,491
Structural shapes:				
(a) Heavy, including piling	187,138	195,516	-	195,516
(b) Light	61,716	51,043	-	51,043
Concrete reinforcing bars	207,221	198,135	-	198,135
Other hot rolled bars	275,177	273,625	17,018	256,607
Tie plates and track material:				
(a) Angle bars	13,679	13,349	-	13,349
(b) Tie plates	57,186	58,739	-	58,739
(c) Track spikes	9,783	10,114	-	10,114
Plates	379,602	381,076	-	381,076
Hot rolled sheets and strip	928,459	929,339	604,907	324,432
Total all hot rolled products	2,820,808	2,802,165	739,106	2,063,059
<u>Cold rolled and coated</u>				
Cold finished bars	21,395	21,513	-	21,513
Cold reduced strip	27,355	27,882	-	27,882
Cold reduced sheets, tin mill black plate and tin plate	669,502	686,904	309,451	377,453
Galvanized sheets	113,295	115,628	-	115,628
Total all cold rolled and coated ..	831,547	851,927	309,451	542,476
Grand total all carbon products	3,652,655	3,654,092	1,048,557	2,605,535
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	4,969	4,845	-	4,845
Alloy plates	3,824	3,608	-	3,608
Other hot rolled bars, including high-speed steel and alloy tool steel	63,724	63,712	7	63,705
Structurals	173	40	-	40
Cold finished bars	3,819	4,081	-	4,081
Wire rods	1,377	1,235	-	1,235
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	14,528	14,899	-	14,899
Total all alloy products	92,424	92,496	7	92,489

Table 15 - Disposition of Shipments* of Rolled Steel Products

	August, 1957		Eight months ended August, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	27,209	169	259,030	3,347
Direct export:				
(a) British Empire	174	168	3,344	4,869
(b) All other	4,261	478	90,776	6,734
Automotive industries	8,692	1,838	96,614	32,001
Agricultural, including implement and equipment manufacturers	5,628	151	38,221	785
Building construction	61,221	55	468,222	481
Container industry	29,730	82	220,205	274
Machinery and tools	16,401	969	149,840	14,889
Merchant trade products	34,318	472	277,383	2,910
Mining, lumbering, etc.	5,680	1,141	50,866	14,700
National defence	183	56	2,373	930
Pressing, forming and stamping	10,680	385	110,732	5,008
Public works and utilities	2,790	-	26,838	-
Railway operating	38,304	128	301,442	553
Railway cars and locomotives	10,298	804	142,357	4,459
Shipbuilding	3,393	389	20,339	522
Pipes and tubes	45,808	-	34,175	27
Miscellaneous and unclassified	328	-	5,778	-
Net shipments	305,098	7,285	2,605,535	92,489

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, August, 1957.

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	572	336	1,317	6,227	471
Direct export:					
(a) British Empire	7	-	-	-	9
(b) All other	824	469	-	10	4
Automotive industries	1,068	-	-	321	-
Agricultural, including implement and equipment manufacturers	-	-	51	755	-
Building construction	2	452	604	15,461	20,350
Container industry	-	-	2	-	-
Machinery and tools	886	70	123	1,926	3
Merchant trade products	107	-	27,287	125	769
Mining, lumbering, etc.	108	955	92	1,407	15
National defence	-	-	-	173	2
Pressing, forming and stamping .	18	-	68	783	-
Public works and utilities	-	-	-	5	2,279
Railway operating	-	27,422	-	423	11
Railway cars and locomotives ...	4,278	-	-	742	-
Shipbuilding	-	-	-	1,360	-
Pipes and tubes	6,373	-	-	-	-
Miscellaneous and unclassified .	-	-	21	9	-
Net shipments	14,243	29,704	29,565	29,727	23,913

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
3,339	2	4,495	2,344	559	100	3,302	4,314	27,378
129	-	-	92	1	-	104	-	342
273	-	-	1,542	3	-	1,584	30	4,739
2,548	-	131	3,828	535	335	1,700	64	10,530
2,149	-	818	1,064	595	78	195	74	5,779
1,588	22	7,792	2,065	7	235	2,082	10,616	61,276
2	-	-	1,218	1	26	28,548	15	29,812
3,291	19	7,754	1,557	347	273	960	161	17,370
5,309	-	23	751	253	37	129	-	34,790
3,184	94	706	143	63	35	19	-	6,821
41	-	-	14	9	-	-	-	239
2,524	-	30	2,347	238	686	4,023	348	11,065
282	-	-	-	5	119	100	-	2,790
1,418	7,948	985	170	8	-	-	47	38,432
807	-	4,335	935	2	2	-	1	11,102
217	-	2,198	7	-	-	-	-	3,782
221	-	17,230	20,366	-	115	1,503	-	45,808
61	-	-	-	-	225	12	-	328
27,383	8,085	46,497	38,443	2,626	2,266	44,261	15,670	312,383

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Eight

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars	(Net tons)
Wholesalers and warehouses	698	1,582	2,340	51,084		25,527
Direct export:						
(a) British Empire	2,367	-	-	-		448
(b) All other	4,050	52,680	-	597		40
Automotive industries	9,102	2	44	2,056		-
Agricultural, including implement and equipment manufacturers	72	-	296	4,793		-
Building construction	514	1,012	6,493	108,787		134,540
Container industry	65	-	14	33		-
Machinery and tools	5,968	704	1,019	12,100		15
Merchant trade products	1,732	-	202,524	2,058		12,230
Mining, lumbering, etc.	1,475	10,986	577	6,261		1,387
National defence	248	-	-	173		223
Pressing, forming and stamping .	87	-	253	7,477		150
Public works and utilities	69	26	4	131		23,557
Railway operating	1,801	195,966	40	5,701		18
Railway cars and locomotives ...	32,582	880	81	41,111		-
Shipbuilding	77	29	-	4,086		-
Pipes and tubes	39,047	-	-	10		-
Miscellaneous and unclassified .	2,629	28	41	101		-
Net shipments	102,583	263,895	213,726	246,559		198,135

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

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Months Ended August, 1957.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
43,080	69	39,265	31,115	6,749	1,298	28,321	31,249	262,377
2,868	-	-	1,309	80	-	1,079	62	8,213
4,149	3,686	448	11,168	32	75	20,065	520	97,510
41,033	-	1,242	44,242	6,956	4,377	18,810	751	128,615
12,841	-	2,008	9,825	2,132	250	3,761	3,028	39,006
26,091	65	61,456	32,705	134	4,045	21,641	71,220	468,703
211	-	73	6,495	17	64	212,880	627	220,479
46,135	54	62,571	17,870	3,716	3,061	10,482	1,034	164,729
49,487	-	665	7,602	2,147	348	1,362	138	280,293
37,445	513	4,334	1,494	480	144	384	86	65,566
1,463	-	123	374	531	154	14	-	3,303
25,746	-	476	22,204	2,482	7,393	45,917	3,555	115,740
1,242	16	328	20	33	819	511	82	26,838
11,286	77,582	7,027	1,630	46	8	201	689	301,995
12,645	216	40,312	16,144	25	20	358	2,442	146,816
2,166	1	14,287	153	17	-	35	10	20,861
1,382	-	150,067	134,980	6	4,243	11,332	135	341,202
1,082	-	2	1	11	1,583	300	-	5,778
320,352	82,202	384,684	339,331	25,594	27,882	377,453	115,628	2,698,024

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	August, 1957			Eight months ended August, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Pig iron -							
Basic	United States	-	-	-	104	-	-
Foundry	United States	127	-	-	1,118	-	-
	United Kingdom	-	-	-	123	-	-
	Australia	-	-	-	146	-	-
Malleable	United States	-	-	-	34	-	-
Silvery	United States	-	-	-	1,524	-	-
Ingots	United States	74	57	-	473	560	49.3
Billets, blooms, slabs and sheet bars ...	United States	202	10	37.3	1,095	459	605.8
	United Kingdom	-	3	-	1	40	-
	Sweden	-	-	-	-	4	-
Tube rounds and tube billets	United States	-	-	-	15,073	-	-
Bars and sections -							
Hot rolled, n.o.p.	United States	1,598	93	7.1	26,497	1,596	89.7
	United Kingdom	764	38	3.8	5,905	374	57.7
	Austria	-	-	-	15	-	-
	Belgium	463	-	-	4,359	-	-
	Chile	-	-	-	218	-	-
	France	113	-	-	1,705	-	-
	Germany	-	-	-	155	9	-
	Sweden	-	-	-	22	5	4.8
Hot rolled -							
For agricultural implements	United States	191	8	-	707	93	-
Rounds over 4 7/8", squares over 4" ..	United States	288	2	-	4,311	57	2.8
	United Kingdom	67	-	-	263	34	10.6
Concrete reinforcing bars	United States	2,937	-	-	17,527	-	-
	Belgium	2,457	-	-	20,540	-	-
	Chile	-	-	-	816	-	-
	France	21	-	-	11,620	-	-

Sash or casement sections	United States United Kingdom Belgium	303 47 -	- - -	- - -	2,263 243 76	- - -
Cold finished, n.o.p.	United States United Kingdom Belgium Germany Sweden	123 170 40 - -	72 - - - -	7.3 13.1 - - 1	2,797 2,158 670 6 6	1,299 3 - 8 -
						96.1 75.0 - - 7
Cold finished, for agricultural implements	United States United States United Kingdom Austria Germany Sweden	27 135 50 - - -	- 50 52 - 1 -	- - - - - -	688 1,649 494 - - -	2 603 391 27 40 76
Tool steel						
Structurals -						
W. F. beams, 8" and over	United States United Kingdom Belgium France Germany Norway	24,140 - 2,267 - - -	- - - - - -	- - - - - -	156,452 148 17,975 330 2,407 234	- - - - - -
W.F. beams, under 8"	United States Belgium	675 551	- -	- -	7,990 1,018	- -
Sheet piling	United States United Kingdom Belgium France Germany	717 168 191 - 46	- - - - -	- - - - -	2,062 6,319 4,586 687 1,657	- - - - -
All other	United States United Kingdom Austria Belgium France Germany Italy Norway	9,504 536 - 5,012 774 - - -	- - - - - - - -	- - - - - - - -	78,461 7,081 17 55,929 21,721 2,501 15 3,481	- - - - - - - -

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	August, 1957		Eight months ended August, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Structurals (concluded) -							
Bar size angles, channels, etc.	United States	390	-	19.7	10,408	-	135.5
	United Kingdom	165	-	6	2,113	-	.6
	Belgium	482	-	-	6,460	-	-
	France	44	-	-	2,396	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	-	-	-	1.5
For agricultural implements							
	United States	25	-	-	191	-	-
Plates -							
78" and under in width	United States	12,094	70	61.6	97,617	667	653.8
	United Kingdom	1,268	-	13.5	12,657	-	421.8
	Australia	-	-	-	3,423	-	-
	Austria	-	-	-	33	-	-
	Belgium	382	-	-	4,170	-	-
	Chile	-	-	-	6,531	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	-	-	-	608	-	-
	Germany	-	-	-	5,460	-	-
	Japan	-	-	-	7,520	-	-
	Sweden	-	-	-	-	-	13.1
Over 78" and under 100" in width							
	United States	5,485	566	7.1	38,587	1,650	82.8
	United Kingdom	524	-	-	11,962	-	25.3
	Austria	-	-	-	139	-	-
	Belgium	-	-	-	312	-	-
	Germany	33	-	-	1,609	-	-
	Japan	-	-	-	786	-	-

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100 IN WIDTH AND OVER	UNITED STATES	UNITED KINGDOM	GERMANY	2,266	29
Flanged, dished or curved	United States	274	3.7	2,326	73.7
	United Kingdom	-	-	93	-
Boiler, pulp-mill digesters	United States	209	4	2,380	35.5
	United Kingdom	-	-	148	-
Chequered or surface pattern	United States	1,530	-	11,221	-
	United Kingdom	-	-	432	-
Sheets -					
Silicon .075 or more	United States	-	1,160	-	13,185
	United Kingdom	-	-	-	109
Galvanized	United States	574	-	5,657	-
	United Kingdom	40	-	67	-
Corrugated	United States	285	-	1,803	-
	United Kingdom	-	-	4	-
For tubes	United States	-	-	16,129	-
For tubular products	United States	-	-	-	-
Hot rolled -					
18 gauge and heavier	United States	3,027	12	43,265	206
	United Kingdom	212	-	1,485	-
	Netherlands	-	-	32	-
	Sweden	-	-	-	161.4
Lighter than 18 gauge	United States	14	3	327	50
	United Kingdom	-	-	15	-
Cold rolled -					
18 gauge and heavier	United States	506	-	5,452	22
	United Kingdom	-	-	506	-
	Sweden	-	-	-	514.9
					673.4
					2.2

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	August, 1957			Eight months ended August, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	733	-	102.7	6,197	4	901.7
	United Kingdom	46	-	10.4	676	-	319.8
	Sweden	-	-	-	-	-	5.6
For motor vehicles	United States	1,057	-	-	7,699	-	-
For hollow-ware (vitreous enamel)	United States	771	-	-	7,409	-	-
	United Kingdom	13	-	-	347	-	-
Coated with paint, tar, asphaltum, etc.	United States	126	-	-	1,182	-	-
	United Kingdom	-	-	-	35	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-	- 18 -
For saws	United States	11	36	-	21	314	-
	United Kingdom	-	8	-	1	15	-
	Germany	-	-	-	-	3	-
	Sweden	-	-	-	-	8	-
Wasters and rejects	United States	236	-	-	3,524	-	-
Tin mill black plate	United States	-	-	-	108	-	-
Tin plate - Primes	United States	33	-	-	121	-	-
	United Kingdom	-	-	-	3,299	-	-
Tin plate - Electrolytic coating	United States	88	-	-	577	-	-
	United Kingdom	-	-	-	489	-	-
Tin plate wasters and seconds	United States	-	-	-	-	-	-
Terne plate - Long	United States	382	-	-	3,229	-	-
Short	United States	23	-	-	581	-	-

Strip - Hot rolled - 18 gauge and heavier	United States	363	-	-	4,632	12	1.6
	United Kingdom	5	-	-	662	-	-
	Belgium	-	-	-	321	-	-
	Germany	-	-	-	55	-	-
Lighter than 18 gauge	United States	122	-	-	1,230	19	7.4
	United Kingdom	11	-	-	46	1	-
Cold rolled - 18 gauge and heavier	United States	119	4	13.7	742	197	219.6
	United Kingdom	-	-	-	72	-	-
	Sweden	1	-	-	1	16	-
Lighter than 18 gauge	United States	202	-	64.2	1,182	56	449.1
	United Kingdom	30	-	-	105	-	-
	Sweden	1	-	-	161	10	1.9
Hot rolled strip for cold rolling	United States	-	-	-	-	-	-
	United States	2	18	-	62	376	-
	United Kingdom	-	-	-	-	14	-
For saws	Sweden	-	13	-	-	103	-
	United States	-	-	-	39	-	-
	United States	-	-	-	1	-	-
For tubes	United States	-	-	-	-	-	-
	United States	-	-	-	-	-	-
	United States	-	-	-	-	-	-
For shoe and corset laces, buckles, ball bearings, etc.	United States	29	-	-	172	-	-
	United Kingdom	-	-	-	13	-	-
	United States	228	-	-	2,323	-	-
For motor vehicles	United States	-	-	-	-	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	August, 1957				Eight months ended August, 1957	
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy Stainless
Strip (concluded) -							
For hoops	United States	1	-	-		452	-
	United Kingdom	15	-	-		191	-
	Germany	-	-	-		4	-
Coated or covered with paint, tar, asphaltum, etc.	United States	768	-	-	5,278	-	-
	United Kingdom	3	-	-	36	-	-
	Germany	6	-	-	68	-	-
For butts and hinges	United States	43	-	-	150	-	-
Hoop band or strip, galvanized	United States	185	-	-	1,641	-	-
	United Kingdom	27	-	-	82	-	-
	Belgium	-	-	-	6	-	-
	Japan	-	-	-	6	-	-
Silicon .075 or more	United States	-	489	-	-	4,732	-
Skelp -							
12" and under in width	United States	4,569	-	-	57,560	-	-
	United Kingdom	-	-	-	168	-	-
	Germany	-	-	-	1,906	-	-
Over 12" in width	United States	1,402	-	-	19,203	-	-
Plate for pipe	United States	16,943	-	-	111,033	-	-

	United States	332	-	-	3,017	-	-
Pipes and tubes - Spiral weld pipe	United States	332	-	-	3,017	-	-
For bedstead	United States	8	-	-	9	-	-
	United Kingdom	-	-	-	3	-	-
	Germany	-	-	-	4	-	-
Cast	United States	84	-	-	592	-	-
	United Kingdom	1,695	-	-	17,002	-	-
	Germany	-	-	-	130	-	-
Repair of pressure parts of boilers - Seamless, hot finished	United States	124	3	-	2,242	298	.6
	United Kingdom	26	-	-	539	-	-
	Germany	50	-	-	130	-	-
	Sweden	-	-	-	13	-	-
Seamless, cold drawn	United States	12	-	-	437	135	5.9
	United Kingdom	1	-	-	130	-	-
	Sweden	-	-	-	5	-	21
Welded	United States	6	-	-	914	-	32.2
	United Kingdom	329	-	-	1,533	-	-
	Switzerland	-	-	-	200	-	-
Seamless, 12" and under in diameter - Cold drawn	United States	419	37	33.1	4,957	513	274.5
	United Kingdom	256	-	12.5	1,427	14	155.9
	Germany	-	-	-	27	-	-
	Sweden	-	-	2.2	112	165	36.0
Hot finished	United States	726	269	12.9	6,099	1,785	18.5
	United Kingdom	660	-	-	5,839	-	-
	Australia	477	-	-	856	-	-
	Germany	-	-	-	170	26	-
	Italy	-	-	-	1	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	August, 1957		Eight months ended August, 1957	
		Carbon	Alloy	Stainless	Carbon Alloy Stainless
(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -					
Seamless, over 12" in diameter -					
Cold drawn	United States	-	-	-	-
Hot finished	United States	474	18	-	57
	United Kingdom	-	-	-	-
	Italy	-	-	-	-
				11,273	1.5
				641	-
				6	-
Welded 4" and under in diameter	United States	530	-	9.8	1
	United Kingdom	867	-	-	-
	Austria	-	-	-	-
	Belgium	-	-	-	-
	France	153	-	-	-
	Germany	163	-	-	-
				5,011	44.0
				4,735	1.2
				122	-
				215	-
				338	-
				512	-
Welded over 4" in diameter	United States	34,072	-	6.1	-
	United Kingdom	9,812	-	-	-
				281,806	67.3
Conduit	United States	65	-	-	-
				1,238	-
Casing	United States	8,040	-	-	-
	United Kingdom	3,398	-	-	-
	Australia	-	-	-	-
	Belgium	-	-	-	-
	Czechoslovakia	-	-	-	-
	France	-	-	-	-
	Germany	475	-	-	-
	Italy	-	-	-	-
	Japan	1,894	-	-	-
				72,423	-
				17,146	-
				281	-
				1,737	-
				4,579	-
				4,272	-
				11,952	-
				6,542	-
				27,459	-
Tubing -					
Not over 1/2" diameter, welded					
and coated	United States	31	-	-	-
					222

Wire rope

United States 86
United Kingdom 147
Belgium 48
Denmark 1
Germany 91
Japan -
Netherlands 41
Norway -
Sweden 2

.1 - - - - -

364 -
2,202 -
126 -
12 -
566 -
63 -
354 -
1 -
8 -

3.8 - - - - -

Wire -

For wire rope

United States 19
United Kingdom 1,276
Belgium -
Germany 82
Japan -
Norway -

- - - - -

1,378 -
10,794 -
28 -
426 -
25 -
30 -

2.0 - - - - -

For springs, cushions, mattresses,
etc.

United States 9
United Kingdom 29

- - - - -

314 -
30 -

- - - - -

For corset clasps, dress stays, etc..

United States 5
United Kingdom 3
Germany -

- - - - -

58 -
31 -
2 -

- - - - -

Coated or covered

United States 132
United Kingdom 108
Belgium 30
Denmark -
France 38
Germany 6

- - - - -

675 -
854 -
142 -
4 -
48 -
38 -

1.7 - - - - -

For fencing (galvanized)

United States -
United Kingdom 11

- - - - -

30 -
153 -

- - - - -

All other

United States 128
United Kingdom 285
Belgium -
France -
Germany -
Japan 25
Netherlands -
Sweden 6

1 - - - - -

1,845 -
1,157 -
154 -
400 -
411 -
25 -
40 -
26 -

45.7 -
1.2 - - - - -
4.9 -

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	August, 1957		Eight months ended August, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products (concluded) -							
Welding rods	United States	207	41	26.6	1,329	309	91.5
	United Kingdom	-	2	-	-	2	-
	Germany	2	-	-	2	-	-
Welding wire in coils	United States	16	6	.3	273	29	5.6
Wire rods not over 3/8" in diameter ...							
	United States	98	-	-	1,272	-	-
	United Kingdom	113	-	-	1,137	-	-
	Belgium	109	-	-	2,040	-	-
	Germany	-	-	-	589	-	-
Axles - For railway vehicles							
	United States	33	-	-	444	-	-
	United Kingdom	-	-	-	190	-	-
Tires - For railway rolling stock							
	United States	12	-	-	186	-	-
	United Kingdom	254	-	-	910	-	-
Wheels - For railway rolling stock							
	United States	131	-	-	151	-	-
	United Kingdom	1,877	-	-	11,229	-	-
Rails -							
60 lb. and under							
	United States	24	-	-	1,139	-	-
	Belgium	-	-	-	287	-	-
	France	-	-	-	49	-	-
	Germany	20	-	-	1,909	-	-
	Netherlands	-	-	-	30	-	-

Rails - (concluded)									
Over 60 lb. and including 100 lb.									
	United States	205	-	-	-	1,792	-	-	-
	United Kingdom	3,070	-	-	-	14,037	-	-	-
	Germany	-	-	-	-	52	-	-	-
Over 100 lb.									
	United States	265	-	-	-	1,005	-	-	-
	France	-	-	-	-	1	-	-	-
Track material -									
Fish plates, angle bars, etc.									
	United States	194	-	-	-	1,166	-	-	-
	United Kingdom	201	-	-	-	6,326	-	-	-
	Belgium	-	-	-	-	14	-	-	-
	France	-	-	-	-	1	-	-	-
	Germany	-	-	-	-	51	-	-	-
	Netherlands	-	-	-	-	30	-	-	-
	United States	9	-	-	-	83	-	-	-
Switch points, etc.									
TOTAL IMPORTS									
		187,327	3,146	617.9	1,695,960	30,991	7036.3	-	-

Note - Imports reported in Table 18 for Belgium includes Luxembourg.

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	August, 1957			Eight months ended August, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Net tons of 2,000 pounds)						
United States ..	141,841	3,029	477.9	1,203,494	29,460	4,817.7
United Kingdom .	28,889	103	137.7	228,766	1,031	1,986.5
Australia	477	-	-	4,706	-	-
Austria	-	-	-	326	27	-
Belgium (1)	12,032	-	-	121,165	-	-
Chile	-	-	-	7,565	-	-
Czechoslovakia .	-	-	-	4,742	-	-
Denmark	1	-	-	16	-	-
France	1,143	-	-	44,185	-	-
Germany	974	1	-	33,362	86	-
Italy	-	-	-	6,564	-	-
Japan	1,919	-	-	35,884	-	-
Netherlands	41	-	-	486	-	-
Norway	-	-	-	4,145	-	-
Sweden	10	13	2.3	354	387	232.1
Switzerland	-	-	-	200	-	-
Total	187,327	3,146	617.9	1,695,960	30,991	7,036.3

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	August, 1957	Eight months ended August, 1957
	(Net tons of 2,000 pounds)	
Pig iron	91,573	224,144
Ingots, blooms and billets	12,523	40,627
Bars	656	8,820
Rods	160	693
Plates, sheets and strips	5,234	34,548
Rails	1,924	69,706
Structural shapes	588	2,444
Pipe and tubing - Wrought iron	712	8,232
Cast iron	764	1,203
Galvanized	7	343
Other	5,742	15,148
Castings, iron and steel	150	6,495
Forgings	158	2,692
Total	120,191	415,095

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.



CANADA

PRIMARY IRON AND STEEL

SEPTEMBER, 1957



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-97

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 9

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	September, 1957	Nine months ended September, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	103,721	971,661
(b) From foreign mines	290,372	2,795,435
Pyrite cinder	-	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	96,640	652,680
(b) From foreign mines	-	-
(c) From own processing	96,362	893,194
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	19,109	150,763
Scrap iron and steel	15,756	141,180
Limestone	79,377	860,924
Dolomite	30,567	261,812
Coke	272,007	2,523,969

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, September

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	237,458	2,155	282,837	24,426
Foundry (including silvery pig)	19,578	12,591	15,226	10,313
Malleable	38,788	44,512	22,969	9,176
Total pig iron	295,824	59,258	321,032	43,915
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	140,749		259,155	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Nine Months Ended September

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
Pig iron				
Basic	2,228,162	72,462	2,526,943	203,982
Foundry (including silvery pig)	101,287	104,140	87,709	90,087
Malleable	318,427	297,497	296,249	220,913
Total pig iron	2,647,876	474,099	2,910,901	514,982
Ferro-alloys	181,198	181,780	171,179	160,090

* Includes amounts for sale and for own use.

Table 4 - Description of Iron Blast Furnaces at End of September, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	14	4,039,575	95.7
Banked	-	-	-
Blown out	2	182,300	4.3
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	
Electric	4,294,000
Oxygen	685,000
	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	September		Nine months ended September	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	241,222	234,473	2,169,413	2,255,001
Scrap - Own make	109,701	103,763	1,010,819	1,036,616
Purchased	114,517	99,807	1,061,785	1,032,805
Total pig iron and scrap	465,440	438,043	4,242,017	4,324,422

Table 7 - Production and Sales of Steel Ingots and Castings, September

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth -- basic	378,910	8,760	365,905	420
Electric	45,854	76	29,510	5,950
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	424,764	8,836	395,415	6,370
Alloy steel ingots included in above ...	18,334	56	16,715	279
<u>Steel castings</u>				
Open hearth - basic	2,664	2,337	1,926	1,987
Electric	6,945	6,367	5,714	5,999
Other	-	8	5	5
Total steel Castings	9,609	8,712	7,645	7,991
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	211	163	165	179
(b) High alloy, manganese and abrasion resistant	1,572	1,586	1,852	1,870
(c) All other alloys	476	398	266	272
Total alloy castings	2,259	2,147	2,283	2,321

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Nine Months Ended September

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	3,443,016	11,882	3,437,025	4,720
Electric	414,411	324	320,205	35,370
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	3,857,427	12,206	3,857,230	40,090
Alloy steel ingots included in above	161,875	340	187,276	1,634
<u>Steel castings</u>				
Open hearth - basic	23,692	20,859	22,700	22,514
Electric	63,659	54,834	66,963	65,314
Other	280	257	394	433
Total steel castings	87,631	75,950	90,057	88,261
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	1,865	1,599	1,865	2,001
(b) High alloy, manganese and abrasion resistant	14,050	13,226	16,142	15,773
(c) All other alloys	4,350	2,734	4,677	4,113
Total alloy castings	20,265	17,559	22,684	21,887

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".
 NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	September, 1957		Nine months ended September, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	3	268	91	2,265
Automotive industries	25	5	962	187
Agricultural, including implement and equipment manufacturers	94	-	1,003	76
Machinery and tools	1,403	194	13,267	2,646
Mining, lumbering and quarrying industries	766	1,079	6,777	10,173
Oil and gas, including refineries	58	61	961	398
National defence	42	1	165	113
Public works and public utilities	147	45	1,985	559
Railway operating	581	94	6,232	1,328
Railway cars and locomotives	2,137	121	29,975	762
Shipbuilding	79	134	824	869
Miscellaneous and unclassified	335	319	4,013	2,415
Total shipments	5,670	2,321	66,374	21,887

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,157 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,154	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
July	329,198		418,196	9,652	427,848
August	338,252		427,648	7,241	434,889
September	321,032	62,166 (3)	395,415	7,645	403,060
Total nine months ...	2,910,901	171,179	3,857,230	90,057	3,947,287

(1) First quarter

(2) Second quarter

(3) Third quarter

(4) Fourth quarter

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, September, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	29,243	26,361
Other (including seamless and buttweld)	12,948	12,538
Total	42,191	38,899
Pipe and tubing by class:		
Standard and line pipe	38,984	35,844
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	2,975	2,866
Miscellaneous	232	189
Total	42,191	38,899
Steel pipe fittings:		
Buttweld fittings	370	363
Other (including flanges and flanged fittings)	203	219
Total	573	582
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Nine Months Ended September, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	315,595	306,663
Other (including seamless and buttweld)	150,684	148,379
Total	466,279	455,042
Pipe and tubing by class:		
Standard and line pipe	402,346	394,933
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	31,375	30,208
Miscellaneous	32,558	29,901
Total	466,279	455,042
Steel pipe fittings:		
Buttweld fittings	3,365	3,333
Other (including flanges and flanged fittings)	2,553	2,346
Total	5,918	5,679
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, September, 19

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	8,075	8,919	8,366	553
(b) For forging and piercing	9,640	9,408	-	9,408
Rails	30,998	24,873	-	24,873
Wire rods	21,582	21,535	-	21,535
Structural shapes:				
(a) Heavy, including piling	17,904	18,980	-	18,980
(b) Light	7,611	7,678	-	7,678
Concrete reinforcing bars	26,471	25,819*	-	25,819*
Other hot rolled bars	33,701	30,829	1,486	29,343
Tie plates and track material:				
(a) Angle bars	848	816	-	816
(b) Tie plates	8,231	7,449	-	7,449
(c) Track spikes	1,181	980	-	980
Plates	39,200	37,291	-	37,291
Hot rolled sheets and strip	94,992	93,434	62,443	30,991
Total all hot rolled products	300,434	288,011	72,295	215,716
<u>Cold rolled and coated</u>				
Cold finished bars	2,319	2,281	-	2,281
Cold reduced strip	3,667	3,675	-	3,675
Cold reduced sheets, tin mill black plate and tin plate	81,001	79,914	38,115	41,799
Galvanized sheets	14,432	14,507	-	14,507
Total all cold rolled and coated ..	101,419	100,377	38,115	62,262
Grand total all carbon products	401,853	388,388	110,410	277,978
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	501	534	-	534
Alloy plates	336	331	-	331
Other hot rolled bars, including high-speed steel and alloy tool steel	7,157	7,314	-	7,314
Structurals	21	17	-	17
Cold finished bars	354	355	-	355
Wire rods	246	269	-	269
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	1,434	1,512	-	1,512
Total all alloy products	10,045	10,332	-	10,332

* 2,609 tons added in September to adjust for figures omitted by one of the reporting firms.

Tonnages by months are; January, 678; February, 485; March, 80; April, 322; May, 191; June, 534; July, 319.

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Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Nine Months Ended September, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipment
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	146,456	129,465	125,547	3,918
(b) For forging and piercing	104,830	103,705	-	103,705
Rails	290,062	288,768	-	288,768
Wire rods	229,794	234,026	-	234,026
Structural shapes:				
(a) Heavy, including piling	205,042	214,496	-	214,496
(b) Light	69,327	58,721	-	58,721
Concrete reinforcing bars	233,692	223,954	-	223,954
Other hot rolled bars	308,878	304,454	18,504	285,950
Tie plates and track material:				
(a) Angle bars	14,527	14,165	-	14,165
(b) Tie plates	65,417	66,188	-	66,188
(c) Track spikes	10,964	11,094	-	11,094
Plates	418,802	418,367	-	418,367
Hot rolled sheets and strip	1,023,451	1,022,773	667,350	355,423
Total all hot rolled products	3,121,242	3,090,176	811,401	2,278,775
<u>Cold rolled and coated</u>				
Cold finished bars	23,714	23,794	-	23,794
Cold reduced strip	31,022	31,557	-	31,557
Cold reduced sheets, tin mill black plate and tin plate	750,503	766,818	347,566	419,252
Galvanized sheets	127,727	130,135	-	130,135
Total all cold rolled and coated ..	932,966	952,304	347,566	604,738
Grand total all carbon products	4,054,208	4,042,480	1,158,967	2,883,513
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	5,470	5,379	-	5,379
Alloy plates	4,160	3,939	-	3,939
Other hot rolled bars, including high-speed steel and alloy tool steel	70,877	71,026	7	71,019
Structurals	194	57	-	57
Cold finished bars	4,173	4,436	-	4,436
Wire rods	1,623	1,504	-	1,504
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	15,962	16,411	-	16,411
Total all alloy products	102,469	102,828	7	102,821

Table 15 - Disposition of Shipments* of Rolled Steel Products

	September, 1957		Nine months ended September, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	26,149	209	285,179	3,556
Direct export:				
(a) British Empire	323	422	3,667	5,291
(b) All other	4,310	368	95,086	7,102
Automotive industries	10,617	3,516	107,231	35,517
Agricultural, including implement and equipment manufacturers	6,434	100	44,655	885
Building construction	62,810	87	531,032	568
Container industry	25,573	96	245,778	370
Machinery and tools	15,351	951	165,191	15,840
Merchant trade products	29,221	440	306,604	3,350
Mining, lumbering, etc.	4,276	3,267	55,142	17,967
National defence	170	84	2,543	1,014
Pressing, forming and stamping	11,115	377	121,847	5,385
Public works and utilities	2,170	-	29,008	-
Railway operating	35,186	34	336,628	587
Railway cars and locomotives	8,319	363	150,676	4,822
Shipbuilding	3,463	12	23,802	534
Pipes and tubes	31,968	6	373,143	33
Miscellaneous and unclassified	523	-	6,301	-
Net shipments	277,978	10,332	2,883,513	102,821

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, September,

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	72	124	729	6,280	780
Direct export:					
(a) British Empire	116	-	-	35	-
(b) All other	689	250	-	47	81
Automotive industries	1,003	-	-	128	-
Agricultural, including implement and equipment manufacturers	-	-	-	1,001	123
Building construction	3	204	215	14,218	21,697
Container industry	-	-	6	-	-
Machinery and tools	1,079	16	27	1,509	-
Merchant trade products	422	-	20,805	316	949
Mining, lumbering, etc.	167	680	4	260	34
National defence	-	-	-	-	-
Pressing, forming and stamping .	1	-	17	830	-
Public works and utilities	-	-	-	25	2,055
Railway operating	35	23,591	-	261	-
Railway cars and locomotives ...	2,373	-	1	1,039	-
Shipbuilding	-	8	-	705	100
Pipes and tubes	4,535	-	-	-	-
Miscellaneous and unclassified .	-	-	-	4	-
Net shipments	10,495	24,873	21,804	26,658	25,819

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

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Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
3,186	-	3,883	2,454	492	102	3,660	4,596	26,358
382	-	-	200	-	-	12	-	745
141	-	5	1,871	1	-	1,423	170	4,678
5,071	-	232	3,714	1,113	785	1,996	91	14,133
2,860	-	626	1,018	242	53	370	241	6,534
4,358	8	7,615	2,469	5	410	3,040	8,655	62,897
127	-	5	1,461	3	78	23,913	66	25,669
3,556	2	6,689	1,541	232	287	1,261	103	16,302
5,983	-	5	826	195	29	131	-	29,661
5,415	51	521	303	50	38	20	-	7,543
129	-	-	29	80	-	16	-	254
1,897	-	23	2,013	186	1,007	4,972	546	11,492
54	-	-	-	26	-	10	-	2,170
1,038	9,184	834	233	4	1	39	-	35,220
1,399	-	3,190	599	2	-	62	17	8,682
277	-	2,314	68	-	-	3	-	3,475
722	-	11,680	13,704	1	439	871	22	31,974
69	-	-	-	4	446	-	-	523
36,674	9,245	37,622	32,503	2,636	3,675	41,799	14,507	288,310

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Nine

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	770	1,706	3,069	57,364	26,307
Direct export:					
(a) British Empire	2,483	-	-	35	448
(b) All other	4,739	52,930	-	644	121
Automotive industries	10,105	2	44	2,184	-
Agricultural, including implement and equipment manufacturers	72	-	296	5,794	123
Building construction	517	1,216	6,708	123,005	156,237
Container industry	65	-	20	33	-
Machinery and tools	7,047	720	1,046	13,609	15
Merchant trade products	2,154	-	223,329	2,374	13,179
Mining, lumbering, etc.	1,642	11,666	581	6,521	1,421
National defence	248	-	-	173	223
Pressing, forming and stamping .	88	-	270	8,307	150
Public works and utilities	69	26	4	156	25,612
Railway operating	1,836	219,557	40	5,962	18
Railway cars and locomotives ...	34,955	880	82	42,150	-
Shipbuilding	77	37	-	4,791	100
Pipes and tubes	43,582	-	-	10	-
Miscellaneous and unclassified .	2,629	28	41	105	-
Net shipments	113,078	288,768	235,530	273,217	223,954

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

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months ended September, 1957.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
46,266	69	43,148	33,569	7,241	1,400	31,981	35,845	288,735
3,250	-	-	1,509	80	-	1,091	62	8,958
4,290	3,686	453	13,039	33	75	21,488	690	102,188
46,104	-	1,474	47,956	8,069	5,162	20,806	842	142,748
15,701	-	2,634	10,843	2,374	303	4,131	3,269	45,540
30,449	73	69,071	35,174	139	4,455	24,681	79,875	531,600
348	-	78	7,956	20	142	236,793	693	246,148
49,691	56	69,260	19,411	3,948	3,348	11,743	1,137	181,031
55,470	-	670	8,428	2,342	377	1,493	138	309,954
42,860	564	4,855	1,797	530	182	404	86	73,109
1,592	-	123	403	611	154	30	-	3,557
27,643	-	499	24,217	2,668	8,400	50,889	4,101	127,232
1,296	16	328	20	59	819	521	82	29,008
12,324	86,766	7,861	1,863	50	9	240	689	337,215
14,044	216	43,502	16,743	27	20	420	2,459	155,498
2,443	1	16,601	221	17	-	38	10	24,336
2,104	-	161,747	148,684	7	4,682	12,203	157	373,176
1,151	-	2	1	15	2,029	300	-	6,301
357,026	91,447	422,306	371,834	28,230	31,557	419,252	130,135	2,986,334

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	September, 1957			Nine months ended September, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pig iron -							
Basic	United States	121	-	-	225	-	-
Foundry	United States	93	-	-	1,211	-	-
	United Kingdom	-	-	-	123	-	-
	Australia	-	-	-	146	-	-
	United States	-	-	-	34	-	-
Malleable	United States	-	-	-	-	-	-
Silvery	United States	93	-	-	1,617	-	-
Ingots	United States	124	16	-	597	576	49.3
Billets, blooms, slabs and sheet bars ...	United States	107	142	42.0	1,202	601	647.8
	United Kingdom	-	3	-	1	43	-
	Sweden	-	-	-	-	4	-
	United States	913	-	-	15,986	-	-
Tube rounds and tube billets							
Bars and sections -							
Hot rolled, n.o.p.	United States	2,259	134	6.2	28,756	1,730	95.9
	United Kingdom	124	20	20.6	6,029	394	78.3
	Austria	-	-	-	15	-	-
	Belgium	550	-	-	4,909	-	-
	Chile	-	-	-	218	-	-
	France	102	-	-	1,807	-	-
	Germany	8	-	-	163	9	-
	Sweden	-	-	-	22	5	4.8
Hot rolled -							
For agricultural implements	United States	266	-	-	973	93	-
Rounds over 4 7/8", squares over 4" ..	United States	206	17	-	4,517	74	2.8
	United Kingdom	24	6	1.0	287	40	11.6
Concrete reinforcing bars	United States	-	-	-	17,527	-	-
	Belgium	357	-	-	20,897	-	-
	Chile	-	-	-	816	-	-
	France	-	-	-	11,629	-	-

Sash or casement sections	United States	198	-	-	2,461	-	-
	United Kingdom	11	-	-	254	-	-
	Belgium	-	-	-	76	-	-
Cold finished, n.o.p.	United States	258	62	3.7	3,055	1,361	99.8
	United Kingdom	93	-	17.8	2,251	3	92.8
	Belgium	-	-	-	670	-	-
	Germany	-	-	-	6	8	-
	Sweden	-	-	1.0	6	-	1.7
Cold finished, for agricultural implements	United States	75	-	-	763	2	-
	United States	185	52	-	1,834	655	-
	United Kingdom	20	17	-	514	403	-
	Austria	8	10	-	8	37	-
	Germany	-	2	-	-	42	-
	Sweden	5	20	-	5	96	-
Structurals -							
W. F. beams, 8" and over	United States	20,308	-	-	176,760	-	-
	United Kingdom	56	-	-	204	-	-
	Belgium	2,534	-	-	20,509	-	-
	France	-	-	-	330	-	-
	Germany	-	-	-	2,407	-	-
	Norway	-	-	-	234	-	-
W.F. beams, under 8"	United States	724	-	-	8,714	-	-
	Belgium	137	-	-	1,155	-	-
Sheet piling	United States	1,404	-	-	3,466	-	-
	United Kingdom	112	-	-	6,431	-	-
	Belgium	374	-	-	4,960	-	-
	France	74	-	-	761	-	-
	Germany	269	-	-	1,926	-	-
All other	United States	9,604	-	-	88,065	-	-
	United Kingdom	728	-	-	7,809	-	-
	Austria	-	-	-	17	-	-
	Belgium	3,936	-	-	59,865	-	-
	France	2,121	-	-	23,842	-	-
	Germany	-	-	-	2,501	-	-
	Italy	-	-	-	15	-	-
	Norway	-	-	-	3,481	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	September, 1957			Nine months ended September, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Structurals (concluded) -							
Bar size angles, channels, etc.	United States	663	-	7.4	11,071	-	142.9
	United Kingdom	93	-	.9	2,206	-	1.5
	Belgium	209	-	-	6 669	-	-
	France	197	-	-	2,593	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	-	-	-	1.5
For agricultural implements							
	United States	-	-	-	191	-	-
Plates -							
78" and under in width	United States	9,120	48	33.4	106,737	715	687.2
	United Kingdom	2,126	-	30.7	14,783	-	452.5
	Australia	-	-	-	3,423	-	-
	Austria	28	-	-	61	-	-
	Belgium	334	-	-	4,504	-	-
	Chile	-	-	-	6,531	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	-	-	-	608	-	-
	Germany	-	-	-	5,460	-	-
	Japan	-	-	-	7,520	-	-
	Sweden	-	-	-	-	-	13.1
Over 78" and under 100" in width	United States	5,644	556	-	44,231	2,206	82.8
	United Kingdom	733	-	-	12,695	-	25.3
	Austria	372	-	-	511	-	-
	Belgium	-	-	-	312	-	-
	Germany	776	-	-	2,385	-	-
	Japan	-	-	-	786	-	-

100" in width and over	United States United Kingdom Germany	1,638 435 1,147	- - -	15.7 - -	0,001 2,701 1,164	29 - -	-
Flanged, dished or curved	United States United Kingdom	318 -	- -	7.1 -	2,644 93	- -	80.8 -
Boiler, pulp-mill digesters	United States United Kingdom	179 -	- -	.7 -	2,559 148	4 -	36.2 -
Chequered or surface pattern	United States United Kingdom	876 97	- -	- -	12,097 529	- -	- -

Sheets - Silicon .075 or more	United States United Kingdom France	- - -	1,126 - 55	- - -	- - -	14,311 109 55	- - -
Galvanized	United States United Kingdom	858 4	- -	- -	6,515 71	- -	- -
Corrugated	United States United Kingdom	163 53	- -	- -	1,966 57	- -	- -
For tubes	United States	-	-	-	16,129	-	-
For tubular products	United States	-	-	-	-	-	-
Hot rolled - 18 gauge and heavier	United States United Kingdom Netherlands Sweden	2,163 89 - -	9 - - -	.5 17.4 - 13.9	45,428 1,574 32 -	215 - - -	181.9 250.6 - 175.3
Lighter than 18 gauge	United States United Kingdom	- -	- -	- -	327 15	50 -	93.4 10.8
Cold rolled - 18 gauge and heavier	United States United Kingdom Sweden	533 33 -	- - -	54.3 101.6 -	5,985 539 -	22 - -	569.2 775.0 2.2

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	September, 1957			Nine months ended September 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	438	-	76.0	6 635	4	977.7
	United Kingdom	26	-	57.0	702	-	376.8
	Sweden	-	-	-	-	-	5.6
For motor vehicles	United States	681	-	-	8,380	-	-
For hollow-ware (vitreous enamel)	United States	781	-	-	8,190	-	-
	United Kingdom	15	-	-	362	-	-
Coated with paint, tar, asphaltum, etc.	United States	162	-	-	1,344	-	-
	United Kingdom	-	-	-	35	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-	-
For saws	United States	1	32	-	22	346	-
	United Kingdom	-	-	-	1	15	-
	Germany	-	-	-	-	3	-
	Sweden	-	1	-	-	9	-
Wasters and rejects	United States	237	-	-	3,761	-	-
Tin mill black plate	United States	5	-	-	113	-	-
Tin plate - Primes	United States	-	-	-	121	-	-
	United Kingdom	27	-	-	3,326	-	-
Tin plate - Electrolytic coating	United States	33	-	-	610	-	-
	United Kingdom	-	-	-	489	-	-
Tin plate wasters and seconds	United States	-	-	-	-	-	-
Terne plate - Long	United States	352	-	-	3,581	-	-
Short	United States	-	-	-	581	-	-

Strip -									
Hot rolled -									
18 gauge and heavier	United States	338	6	.2	4,970	18	1.8		
	United Kingdom	322	-	-	984	-	-		
	Belgium	-	-	-	321	-	-		
	Germany	-	-	-	55	-	-		
Lighter than 18 gauge									
	United States	127	-	-	1,357	19	7.4		
	United Kingdom	-	-	-	46	1	-		
Cold rolled -									
18 gauge and heavier	United States	61	65	13.5	803	262	233.1		
	United Kingdom	-	-	-	72	-	-		
	Sweden	1	-	-	2	16	-		
Lighter than 18 gauge									
	United States	123	-	59.1	1,305	56	508.2		
	United Kingdom	33	-	-	138	-	-		
	Sweden	55	1	.2	216	11	2.1		
Hot rolled strip for cold rolling									
	United States	-	-	-	-	-	-		
For saws									
	United States	22	20	-	84	396	-		
	United Kingdom	-	4	-	-	18	-		
	Sweden	-	5	-	-	108	-		
For tubes									
	United States	-	-	-	39	-	-		
For tubular products									
	United States	-	-	-	1	-	-		
For shoe and corset laces, buckles, ball bearings, etc.									
	United States	28	-	-	200	-	-		
	United Kingdom	-	-	-	13	-	-		
For motor vehicles									
	United States	65	-	-	2,388	-	-		

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	September, 1957			Nine months ended September, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For hoops	United States	71	-	-	523	-	-
	United Kingdom	-	-	-	191	-	-
	Germany	-	-	-	4	-	-
Coated or covered with paint, tar, asphaltum, etc.	United States	495	-	-	5,773	-	-
	United Kingdom	-	-	-	36	-	-
	Germany	1	-	-	69	-	-
For butts and hinges	United States	16	-	-	166	-	-
Hoop band or strip, galvanized	United States	439	-	-	2,080	-	-
	United Kingdom	-	-	-	82	-	-
	Belgium	4	-	-	10	-	-
	Japan	-	-	-	6	-	-
Silicon .075 or more	United States	-	321	-	-	5,053	-
Skelp -							
12" and under in width	United States	3,874	-	-	61,434	-	-
	United Kingdom	-	-	-	168	-	-
	Germany	-	-	-	1,906	-	-
Over 12" in width	United States	4,684	-	-	23,887	-	-
Plate for pipe	United States	18,681	-	-	129,714	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	September, 1957			Nine months ended September, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Pipes and tubes (concluded) - Seamless, over 12" in diameter - Cold drawn	United States	-	-	-	-	-	-
Hot finished	United States	219	9	-	11,492	66	1.5
	United Kingdom	68	-	-	709	-	-
	Italy	-	-	-	6	-	-
Welded 4" and under in diameter	United States	510	-	5.4	5,521	1	49.4
	United Kingdom	677	-	-	5,412	-	1.2
	Austria	-	-	-	122	-	-
	Belgium	73	-	-	288	-	-
	France	-	-	-	338	-	-
	Germany	13	-	-	525	-	-
Welded over 4" in diameter	United States	32,450	-	5.8	314,256	-	73.1
	United Kingdom	5,060	-	-	75,016	-	-
Conduit	United States	132	-	-	1,370	-	-
Casing	United States	8,029	-	-	80,452	-	-
	United Kingdom	2,736	-	-	19,882	-	-
	Australia	-	-	-	281	-	-
	Belgium	-	-	-	1,737	-	-
	Czechoslovakia	-	-	-	4,579	-	-
	France	563	-	-	4,835	-	-
	Germany	1,238	-	-	13,190	-	-
	Italy	24	-	-	6,566	-	-
	Japan	991	-	-	28,450	-	-
	Yugoslavia	229	-	-	229	-	-

United States

Wire rope	United States 27 187	-	-	2,389	-	-	-
	United Kingdom 54	-	-	180	-	-	-
	Belgium 7	-	-	19	-	-	-
	Denmark 203	-	-	769	-	-	-
	Germany -	-	-	63	-	-	-
	Japan 10	-	-	364	-	-	-
	Netherlands -	-	-	1	-	-	-
	Norway -	-	-	8	-	-	-
	Sweden -	-	-	-	-	-	-
Wire -							
For wire rope	United States 47	-	.1	1,425	-	2.1	-
	United Kingdom 1,012	-	-	11,806	-	-	-
	Belgium -	-	-	28	-	-	-
	Germany 81	-	-	507	-	-	-
	Japan -	-	-	25	-	-	-
	Norway -	-	-	30	-	-	-
For springs, cushions, mattresses, etc.	United States 23	-	-	337	-	-	-
	United Kingdom -	-	-	30	-	-	-
For corset clasps, dress stays, etc..	United States 3	-	-	61	-	-	-
	United Kingdom 1	-	-	32	-	-	-
	Germany -	-	-	2	-	-	-
	United States 69	-	.2	744	1	1.9	-
	United Kingdom 62	-	-	916	-	-	-
	Belgium 59	-	-	201	-	-	-
	Denmark -	-	-	4	-	-	-
	France -	-	-	48	-	-	-
	Germany 5	-	-	43	-	-	-
Coated or covered							
	United States -	-	-	30	-	-	-
	United Kingdom 154	-	-	307	-	-	-
For fencing (galvanized)							
	United States 250	13	3.6	2,095	145	49.3	-
	United Kingdom 206	-	-	1,363	5	1.2	-
	Belgium 3	-	-	162	-	-	-
	Denmark 1	-	-	1	-	-	-
	France -	-	-	400	-	-	-
	Germany 5	-	-	416	-	-	-
	Japan 1	-	-	26	-	-	-
	Netherlands -	-	-	40	-	-	-
	Sweden 4	-	-	30	-	4.9	-
All other							

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	September, 1957		Nine months ended September, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Wire products (concluded) -							
Welding rods	United States	261	69	24.0	1,590	378	115.5
	United Kingdom	-	5	-	-	7	-
	Germany	-	-	-	2	-	-
Welding wire in coils	United States	33	9	.3	306	38	5.9
Wire rods not over 3/8" in diameter ...	United States	209	-	-	1,481	-	-
	United Kingdom	13	-	-	1,150	-	-
	Belgium	549	-	-	2,589	-	-
	Germany	546	-	-	1,135	-	-
Axles - For railway vehicles	United States	63	-	-	507	-	-
	United Kingdom	-	-	-	190	-	-
Tires - For railway rolling stock	United States	54	-	-	240	-	-
	United Kingdom	28	-	-	938	-	-
Wheels - For railway rolling stock	United States	226	-	-	377	-	-
	United Kingdom	2,145	-	-	13,374	-	-
Rails -							
60 lb. and under	United States	121	-	-	1,260	-	-
	Belgium	-	-	-	287	-	-
	France	-	-	-	49	-	-
	Germany	184	-	-	2,093	-	-
	Netherlands	-	-	-	30	-	-

Rails - (concluded)									-	25
Over 60 lb. and including 100 lb.										
	United States	38	-	-	1,830	-	-	-		
	United Kingdom	1,689	-	-	15,726	-	-	-		
	Germany	18	-	-	70	-	-	-		
Over 100 lb.	United States	4	-	-	1,009	-	-	-		
	France	-	-	-	1	-	-	-		
Track material -										
Fish plates, angle bars, etc.	United States	455	-	-	1,621	-	-	-		
	United Kingdom	-	-	-	6,326	-	-	-		
	Belgium	-	-	-	14	-	-	-		
	France	-	-	-	1	-	-	-		
	Germany	7	-	-	58	-	-	-		
	Netherlands	-	-	-	30	-	-	-		
	United States	4	-	-	87	-	-	-		
Switch points, etc.										
TOTAL IMPORTS		176,206	3,127	671.0	1,872,166	34,118	7,707.3			

Note - Imports reported in Table 18 for Belgium includes Luxembourg.

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	September, 1957			Nine months ended September, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Net tons of 2,000 pounds)					
United States ..	135,580	2,944	401.1	1,339,074	32,404	5,218.8
United Kingdom .	21,976	63	249.8	250,742	1,094	2,236.3
Australia	-	-	-	4,706	-	-
Austria	408	-	-	734	27	-
Belgium (1)	9,178	-	-	130,343	-	-
Chile	-	-	-	7,565	-	-
Czechoslovakia .	-	-	-	4,742	-	-
Denmark	8	-	-	24	-	-
France	3,057	55	-	47,242	55	-
Germany	4,673	2	-	38,035	88	-
Italy	24	-	-	6,588	-	-
Japan	992	-	-	36,876	-	-
Netherlands	10	-	-	496	-	-
Norway	-	-	-	4,145	-	-
Sweden	71	63	20.1	425	450	252.2
Switzerland	-	-	-	200	-	-
Yugoslavia	229	-	-	229	-	-
Total	176,206	3,127	671.0	1,872,166	34,118	7,707.3

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	Eight months ended August, 1957*	September 1957	Nine months ended September, 1957
	(Net tons of 2,000 pounds)		
Pig iron	299,847	80,066	379,913
Ingots, blooms and billets	46,302	5,815	52,117
Bars	9,802	639	10,441
Rods	1,050	244	1,294
Plates, sheets and strips	38,388	4,592	42,980
Rails	74,460	1,600	76,060
Structural shapes	2,949	303	3,252
Pipe and tubing - Wrought iron	15,722	594	16,316
Cast iron	1,366	1	1,367
Galvanized	343	-	343
Other	18,288	2,856	21,144
Castings, iron and steel	6,875	162	7,037
Forgings	3,209	180	3,389
Total	518,601	97,052	615,653

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.

* Revised.



CANADA



PRIMARY IRON AND STEEL

OCTOBER, 1957

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512 539-107

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 10

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	October, 1957	Ten months ended October, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	102,635	1,074,296
(b) From foreign mines	231,177	3,026,612
Pyrite cinder	-	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	80,521	733,201
(b) From foreign mines	-	-
(c) From own processing	115,400	1,008,594
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	13,597	164,360
Scrap iron and steel	15,565	156,745
Limestone	83,734	944,658
Dolomite	19,181	280,993
Coke	250,899	2,774,868

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, October

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	252,272	3,159	255,905	53,272
Foundry (including silvery pig)	13,105	16,334	11,829	9,408
Malleable	42,253	37,820	25,691	47,549
Total pig iron	307,630	57,313	293,425	110,229
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	138,302		237,886	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Ten Months Ended October

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
Pig iron				
Basic	2,480,434	75,621	2,782,848	257,25
Foundry (including silvery pig)	114,392	120,474	99,538	99,49
Malleable	360,680	335,317	321,940	268,46
Total pig iron	2,955,506	531,412	3,204,326	625,21
Ferro-alloys	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - See table 10.

Table 4 - Description of Iron Blast Furnaces at End of October, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	13	3,569,575	84.5
Banked	-	-	-
Blown out	3	652,300	15.5
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	
Electric	4,294,000
Oxygen	685,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	October		Ten months ended October	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	257,336	214,267	2,426,749	2,469,268
Scrap - Own make	119,265	105,077	1,130,084	1,141,693
Purchased	124,953	97,585	1,186,738	1,130,390
Total pig iron and scrap	501,554	416,929	4,743,571	4,741,351

Table 7 - Production and Sales of Steel Ingots and Castings, October

	1956		1957	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	406,223	5,096	340,609	50
Electric	48,750	268	32,128	4,549
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	454,973	5,364	372,737	4,599
Alloy steel ingots included in above ...	18,537	-	17,479	150
<u>Steel castings</u>				
Open hearth - basic	2,789	2,595	1,485	1,928
Electric	8,410	7,562	6,603	6,638
Other	3	3	10	8
Total steel Castings	11,202	10,160	8,098	8,574
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	238	260	263	203
(b) High alloy, manganese and abrasion resistant	1,598	1,707	1,909	1,925
(c) All other alloys	555	293	295	223
Total alloy castings	2,391	2,260	2,467	2,351

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Ten Months Ended October

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	3,849,239	16,978	3,877,634	4,770
Electric	463,161	592	352,333	39,919
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	4,312,400	17,570	4,229,967	44,689
Alloy steel ingots included in above	180,412	340	204,755	1,784
<u>Steel castings</u>				
Open hearth - basic	26,481	23,454	24,185	24,442
Electric	72,069	62,396	73,566	71,952
Other	283	260	404	441
Total steel castings	98,833	86,110	98,155	96,835
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,103	1,859	2,128	2,204
(b) High alloy, manganese and abrasion resistant	15,648	14,933	18,051	17,698
(c) All other alloys	4,905	3,027	4,972	4,336
Total alloy castings	22,656	19,819	25,151	24,238

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".
 NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	October, 1957		Ten months ended October, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	80	331	171	2,596
Automotive industries	84	7	1,046	194
Agricultural, including implement and equipment manufacturers	138	-	1,141	76
Machinery and tools	1,674	167	14,941	2,813
Mining, lumbering and quarrying industries	523	972	7,300	11,145
Oil and gas, including refineries	112	42	1,073	440
National defence	4	18	169	131
Public works and public utilities	369	99	2,354	658
Railway operating	244	74	6,476	1,402
Railway cars and locomotives	2,588	63	32,563	825
Shipbuilding	78	251	902	1,120
Miscellaneous and unclassified	329	327	4,342	2,742
Total shipments	6,223	2,351	72,597	24,238

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,157 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
July	329,198		418,196	9,652	427,848
August	338,252		427,648	7,241	434,889
September	321,032	62,166 (3)	395,415	7,645	403,060
October	293,425		372,737	8,098	380,835
Total ten months ..	3,204,326		4,229,967	98,155	4,328,122

- (1) First quarter
 (2) Second quarter
 (3) Third quarter
 (4) Fourth quarter

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, October, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	37,349	40,243
Other (including seamless and butt weld)	16,566	17,429
Total	53,915	57,672
Pipe and tubing by class:		
Standard and line pipe	45,947	49,912
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	2,693	2,430
Miscellaneous	5,275	5,330
Total	53,915	57,672
Steel pipe fittings:		
Butt weld fittings	370	335
Other (including flanges and flanged fittings)	231	200
Total	601	535
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Ten Months Ended October, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	352,944	346,906
Other (including seamless and butt weld)	167,250	165,808
Total	520,194	512,714
Pipe and tubing by class:		
Standard and line pipe	448,293	444,845
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	34,068	32,638
Miscellaneous	37,833	35,231
Total	520,194	512,714
Steel pipe fittings:		
Butt weld fittings	3,735	3,668
Other (including flanges and flanged fittings)	2,784	2,546
Total	6,519	6,214
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

(c) Rolled Steel Products

Table 13 - Production and Disposition of Shipments of Rolled Steel Products, October, 19

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	12,036	8,376	7,753	623
(b) For forging and piercing	12,935	13,476	-	13,476
Rails	34,541	34,880	-	34,880
Wire rods	20,795	20,076	-	20,076
Structural shapes:				
(a) Heavy, including piling	23,094	22,671	-	22,671
(b) Light	7,766	5,583	-	5,583
Concrete reinforcing bars	24,068	24,418	-	24,418
Other hot rolled bars	25,835	26,733	1,511	25,222
Tie plates and track material:				
(a) Angle bars	47	240	-	240
(b) Tie plates	2,415	2,390	-	2,390
(c) Track spikes	773	889	-	889
Plates	42,775	43,424	-	43,424
Hot rolled sheets and strip	110,332	110,022	75,784	34,238
Total all hot rolled products	317,412	313,178	85,048	228,130
<u>Cold rolled and coated</u>				
Cold finished bars	2,750	2,717	-	2,717
Cold reduced strip	3,602	3,449	-	3,449
Cold reduced sheets, tin mill				
black plate and tin plate	78,851	77,797	37,145	40,652
Galvanized sheets	16,829	17,471	-	17,471
Total all cold rolled and coated ..	102,032	101,434	37,145	64,289
Grand total all carbon products	419,444	414,612	122,193	292,419
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	209	209	-	209
Alloy plates	669	772	-	772
Other hot rolled bars, including				
high-speed steel and alloy tool steel	7,556	6,995	-	6,995
Structurals	13	10	-	10
Cold finished bars	485	474	-	474
Wire rods	157	165	-	165
Hot and cold rolled sheets, silicon				
sheets and strip and stainless steel	1,602	1,564	-	1,564
Total all alloy products	10,691	10,189	-	10,189

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Ten Months Ended October, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	158,492	137,841	133,300	4,541
(b) For forging and piercing	117,765	117,181	-	117,181
Rails	324,603	323,648	-	323,648
Wire rods	250,589	254,102	-	254,102
Structural shapes:				
(a) Heavy, including piling	228,136	237,167	-	237,167
(b) Light	77,093	64,304	-	64,304
Concrete reinforcing bars	257,760	248,372	-	248,372
Other hot rolled bars	334,713	331,187	20,015	311,172
Tie plates and track material:				
(a) Angle bars	14,574	14,405	-	14,405
(b) Tie plates	67,832	68,578	-	68,578
(c) Track spikes	11,737	11,983	-	11,983
Plates	461,577	461,791	-	461,791
Hot rolled sheets and strip	1,133,783	1,132,795	743,134	389,611
Total all hot rolled products	3,438,654	3,403,354	896,449	2,506,905
<u>Cold rolled and coated</u>				
Cold finished bars	26,464	26,511	-	26,511
Cold reduced strip	34,624	35,006	-	35,006
Cold reduced sheets, tin mill black plate and tin plate	829,354	844,615	384,711	459,904
Galvanized sheets	144,556	147,606	-	147,606
Total all cold rolled and coated ..	1,034,998	1,053,738	384,711	669,027
Grand total all carbon products	4,473,652	4,457,092	1,281,160	3,175,932
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	5,679	5,588	-	5,588
Alloy plates	4,829	4,711	-	4,711
Other hot rolled bars, including high-speed steel and alloy tool steel	78,433	78,021	7	78,014
Structurals	207	67	-	67
Cold finished bars	4,658	4,910	-	4,910
Wire rods	1,780	1,669	-	1,669
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	17,564	17,975	-	17,975
Total all alloy products	113,160	113,017	7	113,010

Table 15 - Disposition of Shipments* of Rolled Steel Products

	October, 1957		Ten months ended October, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	29,369	205	314,548	3,761
Direct export:				
(a) British Empire	16,549	268	20,216	5,559
(b) All other	8,357	399	103,443	7,501
Automotive industries	13,467	5,572	120,698	41,089
Agricultural, including implement and equipment manufacturers	7,726	395	52,381	1,280
Building construction	58,890	50	589,922	618
Container industry	20,499	85	266,277	455
Machinery and tools	16,012	974	181,203	16,814
Merchant trade products	23,139	260	329,743	3,610
Mining, lumbering, etc.	6,961	574	62,103	18,541
National defence	169	177	2,712	1,191
Pressing, forming and stamping	13,059	432	134,906	5,817
Public works and utilities	4,909	-	33,917	-
Railway operating	22,919	8	359,547	595
Railway cars and locomotives	14,205	387	164,881	5,209
Shipbuilding	3,084	403	26,886	937
Pipes and tubes	32,754	-	405,897	33
Miscellaneous and unclassified	351	-	6,652	-
Net shipments	292,419	10,189	3,175,932	113,010

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, October, 19

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	-	15	1,036	5,802	1,210
Direct export:					
(a) British Empire	36	16,519	-	12	-
(b) All other	672	549	337	60	-
Automotive industries	1,427	-	-	162	-
Agricultural, including implement and equipment manufacturers	-	-	98	1,145	-
Building construction	10	29	711	12,321	18,117
Container industry	-	-	-	39	-
Machinery and tools	1,534	-	392	1,428	-
Merchant trade products	103	-	17,416	93	698
Mining, lumbering, etc.	113	1,199	218	1,360	32
National defence	-	-	-	-	-
Pressing, forming and stamping .	20	-	29	910	219
Public works and utilities	-	-	4	429	4,142
Railway operating	-	16,569	-	98	-
Railway cars and locomotives ...	2,546	-	-	4,141	-
Shipbuilding	-	-	-	249	-
Pipes and tubes	7,847	-	-	-	-
Miscellaneous and unclassified .	-	-	-	5	-
Net shipments	14,308	34,880	20,241	28,254	24,418

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
3,685	31	4,449	2,950	605	105	4,586	5,100	29,574
87	-	-	160	3	-	-	-	16,817
186	-	172	4,265	1	-	2,410	104	8,756
6,825	-	154	5,345	1,071	727	3,239	89	19,039
3,291	-	461	2,162	551	-	202	211	8,121
2,329	18	7,867	3,593	20	584	2,580	10,761	58,940
2	-	-	1,338	-	17	19,162	26	20,584
2,126	-	7,451	1,884	269	564	1,294	44	16,986
4,238	-	16	448	302	21	64	-	23,399
3,461	108	495	311	45	159	28	6	7,535
200	-	-	44	72	30	-	-	346
1,676	-	280	3,313	245	532	5,257	1,010	13,491
189	52	37	10	-	-	46	-	4,909
1,225	3,310	1,179	434	1	-	8	103	22,927
1,112	-	5,783	1,000	-	-	8	2	14,592
576	-	2,654	7	1	-	-	-	3,487
995	-	13,198	8,538	-	409	1,752	15	32,754
24	-	-	-	5	301	16	-	351
32,227	3,519	44,196	35,802	3,191	3,449	40,652	17,471	302,608

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Ten

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	770	1,721	4,105	63,166	27,517
Direct export:					
(a) British Empire	2,519	16,519	-	47	448
(b) All other	5,411	53,479	337	704	121
Automotive industries	11,532	2	44	2,346	-
Agricultural, including implement and equipment manufacturers	72	-	394	6,939	123
Building construction	527	1,245	7,419	135,326	174,354
Container industry	65	-	20	72	-
Machinery and tools	8,581	720	1,438	15,037	15
Merchant trade products	2,257	-	240,745	2,467	13,877
Mining, lumbering, etc.	1,755	12,865	799	7,881	1,453
National defence	248	-	-	173	223
Pressing, forming and stamping .	108	-	299	9,217	369
Public works and utilities	69	26	8	585	29,754
Railway operating	1,836	236,126	40	6,060	18
Railway cars and locomotives ...	37,501	880	82	46,291	-
Shipbuilding	77	37	-	5,040	100
Pipes and tubes	51,429	-	-	10	-
Miscellaneous and unclassified .	2,629	28	41	110	-
Net shipments	127,386	323,648	255,771	301,471	248,372

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

- 13 -

Months Ended October, 1957

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
49,951	100	47,597	36,519	7,846	1,505	36,567	40,945	318,309
3,337	-	-	1,669	83	-	1,091	62	25,775
4,476	3,686	625	17,304	34	75	23,898	794	110,944
52,929	-	1,628	53,301	9,140	5,889	24,045	931	161,787
18,992	-	3,095	13,005	2,925	303	4,333	3,480	53,661
32,778	91	76,938	38,767	159	5,039	27,261	90,636	590,540
350	-	78	9,294	20	159	255,955	719	266,732
51,817	56	76,711	21,295	4,217	3,912	13,037	1,181	198,017
59,708	-	686	8,876	2,644	398	1,557	138	333,353
46,321	672	5,350	2,108	575	341	432	92	80,644
1,792	-	123	447	683	184	30	-	3,903
29,319	-	779	27,530	2,913	8,932	56,146	5,111	140,723
1,485	68	365	30	59	819	567	82	33,917
13,549	90,076	9,040	2,297	51	9	248	792	360,142
15,156	216	49,285	17,743	27	20	428	2,461	170,090
3,019	1	19,255	228	18	-	38	10	27,823
3,099	-	174,945	157,222	7	5,091	13,955	172	405,930
1,175	-	2	1	20	2,330	316	-	6,652
389,253	94,966	466,502	407,636	31,421	35,006	459,904	147,606	3,288,942

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	October, 1957		Ten months ended October, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy
		(Tons of 2,000 pounds)				
Pig iron -						
Basic	United States	-	-	-	225	-
Foundry	United States	56	-	-	1,267	-
	United Kingdom	-	-	-	123	-
	Australia	-	-	-	146	-
Malleable	United States	59	-	-	93	-
Silvery	United States	146	-	-	1,763	-
Ingots	United States	193	33	-	790	609
Billets, blooms, slabs and sheet bars ...	United States	10	45	7.6	1,212	646
	United Kingdom	-	-	-	1	43
	Sweden	-	-	-	-	4
Tube rounds and tube billets	United States	-	-	-	15,986	-
Bars and sections -						
Hot rolled, n.o.p.	United States	2,470	87	4.6	31,226	1,817
	United Kingdom	113	31	11.1	6,142	425
	Austria	-	-	-	15	-
	Belgium	871	-	-	5,780	-
	Chile	-	-	-	218	-
	France	12	-	-	1,819	-
	Germany	-	-	-	163	9
	Japan	120	-	-	120	-
	Sweden	-	-	2.6	22	5
Hot rolled -						
For agricultural implements	United States	525	-	-	1,498	93
Rounds over 4 7/8", squares over 4" ..	United States	98	1	-	4,615	75
	United Kingdom	18	-	-	305	40
Concrete reinforcing bars	United States	16	-	-	17,543	-
	Belgium	107	-	-	21,004	-
	Chile	-	-	-	816	-
	France	-	-	-	11,629	-
	Germany	-	-	-	546	-
	Japan	-	-	-	502	-

	United Kingdom	-	-	-	254	-	-
	Belgium	-	-	-	76	-	-
Cold finished, n.o.p.	United States	193	347	15.5	3,248	1,708	115.3
	United Kingdom	230	-	4.9	2,481	3	97.7
	Belgium	30	-	-	700	-	-
	Germany	35	-	-	41	8	-
	Sweden	-	-	-	6	-	1.7
Cold finished, for agricultural implements	United States	77	-	-	840	2	-
Tool steel	United States	153	56	-	1,987	711	-
	United Kingdom	22	24	-	536	432	-
	Austria	1	2	-	9	39	-
	Germany	-	5	-	-	47	-
	Sweden	-	-	-	5	96	-
Structurals -							
W. F. beams, 8" and over	United States	20,424	-	-	197,184	-	- 15 -
	United Kingdom	-	-	-	204	-	-
	Belgium	834	-	-	21,343	-	-
	France	-	-	-	330	-	-
	Germany	-	-	-	2,407	-	-
	Norway	-	-	-	234	-	-
W.F. beams, under 8"	United States	1,315	-	-	10,029	-	-
	Belgium	130	-	-	1,285	-	-
	Germany	28	-	-	28	-	-
	United States	843	-	-	4,309	-	-
Sheet piling	United Kingdom	2,490	-	-	8,921	-	-
	Belgium	119	-	-	5,079	-	-
	France	-	-	-	761	-	-
	Germany	453	-	-	2,379	-	-
All other	United States	7,860	-	-	95,925	-	-
	United Kingdom	150	-	-	7,959	-	-
	Austria	-	-	-	17	-	-
	Belgium	5,242	-	-	65,107	-	-
	France	2,600	-	-	26,442	-	-
	Germany	-	-	-	2,501	-	-
	Italy	-	-	-	15	-	-
	Norway	-	-	-	3,481	-	-
	Sweden	25	-	-	25	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	October, 1957		Ten months ended October, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	
		(Tons of 2,000 pounds)					
Structurals (concluded) - Bar size angles, channels, etc.	United States	297	-	15.6	11,368	-	158.5
	United Kingdom	96	-	-	2,302	-	1.5
	Belgium	468	-	-	7,137	-	-
	France	121	-	-	2,714	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	-	-	-	1.5
For agricultural implements	United States	60	-	-	251	-	-
Plates - 78" and under in width	United States	8,841	19	65.9	115,578	734	753.1
	United Kingdom	870	-	64.1	15,653	-	516.6
	Australia	735	-	-	4,158	-	-
	Austria	-	-	-	61	-	-
	Belgium	540	-	-	5,044	-	-
	Chile	-	-	-	6,531	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	-	-	-	608	-	-
	Germany	-	-	-	5,460	-	-
	Japan	-	-	-	7,520	-	-
	Poland	27	-	-	27	-	-
	Sweden	-	-	-	-	-	13.1
	United States	5,501	322	51.2	49,732	2,528	134.0
Over 78" and under 100" in width	United Kingdom	1,072	-	-	13,767	-	25.3
	Austria	-	-	-	511	-	-
	Belgium	-	-	-	312	-	-
	Germany	-	-	-	2,385	-	-
	Japan	-	-	-	786	-	-

100" in width and over	United States United Kingdom Germany	1,596 667 -	14 - -	7.3 - -	10,447 3,368 1,164	51 29 -	49.8 - -
Flanged, dished or curved	United States United Kingdom	249 -	- -	21.0 -	2,893 93	- -	101.8 -
Boiler, pulp-mill digesters	United States United Kingdom	187 -	- -	- -	2,746 148	4 -	36.2 -
Chequered or surface pattern	United States United Kingdom	1,177 -	- -	- -	13,274 529	- -	- -
<hr/>							
Sheets -							
Silicon .075 or more	United States United Kingdom France	- - -	1,132 - -	- - -	- - -	15,443 109 55	- - -
Galvanized	United States United Kingdom	458 5	- -	- -	6,973 76	- -	- -
Corrugated	United States United Kingdom	218 38	- -	- -	2,184 95	- -	- -
For tubes	United States	-	-	-	16,129	-	-
For tubular products	United States	-	-	-	-	-	-
Hot rolled -							
18 gauge and heavier	United States United Kingdom Netherlands Sweden	2,356 64 - -	16 - - -	1.4 10.9 - 21.9	47,784 1,638 32 -	231 - - -	183.3 261.5 - 197.2
Lighter than 18 gauge	United States United Kingdom	44 -	- -	- -	371 15	50 -	93.4 10.8
Cold rolled -							
18 gauge and heavier	United States United Kingdom	705 -	- -	46.0 56.6	6,690 539	22 -	615.2 831.6 2.2

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	October, 1957		Ten months ended October, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Sheets (concluded)							
Cold rolled (concluded) -							
Lighter than 18 gauge	United States	923	-	119.7	7,558	4	1,097.4
	United Kingdom	32	-	69.2	734	-	446.0
	Sweden	-	-	-	-	-	5.6
For motor vehicles	United States	1,083	-	-	9,463	-	-
For hollow-ware (vitreous enamel)	United States	676	-	-	8,866	-	-
	United Kingdom	-	-	-	362	-	-
Coated with paint, tar, asphaltum, etc.	United States	106	-	-	1,450	-	-
	United Kingdom	-	-	-	35	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-	18
For saws	United States	4	39	-	26	385	-
	United Kingdom	-	-	-	1	15	-
	Germany	-	-	-	-	3	-
	Sweden	-	-	-	-	9	-
Wasters and rejects	United States	532	-	-	4,293	-	-
Tin mill black plate	United States	-	-	-	113	-	-
Tin plate - Primes	United States	-	-	-	121	-	-
	United Kingdom	31	-	-	3,357	-	-
Tin plate - Electrolytic coating	United States	50	-	-	660	-	-
	United Kingdom	-	-	-	489	-	-
Tin plate wasters and seconds	United States	-	-	-	-	-	-
Terne plate - Long	United States	384	-	-	3,965	-	-
Short	United States	-	-	-	581	-	-

[illegible]

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	October, 1957		Ten months ended October, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For hoops	United States	100	-	-	623	-	
	United Kingdom	-	-	-	191	-	
	Germany	-	-	-	4	-	
Coated or covered with paint, tar, asphaltum, etc.	United States	424	-	-	6,197	-	
	United Kingdom	-	-	-	36	-	
	Germany	1	-	-	70	-	
For butts and hinges	United States	-	-	-	166	-	
Hoop band or strip, galvanized	United States	328	-	-	2,408	-	
	United Kingdom	3	-	-	85	-	
	Belgium	-	-	-	10	-	
	Japan	-	-	-	6	-	
Silicon .075 or more	United States	-	624	-	-	5,677	
Skelp -							
12" and under in width	United States	4,880	-	-	66,314	-	
	United Kingdom	-	-	-	168	-	
	Germany	-	-	-	1,906	-	
Over 12" in width	United States	3,007	-	-	26,894	-	
Plate for pipe	United States	15,829	-	-	145,543	-	

Pipes and tubes -																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</
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Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	October, 1957				Ten months ended October, 1957		
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy	Stainless
Pipes and tubes (concluded) -								
Seamless, over 12" in diameter -								
Cold drawn	United States	-	-	-	-	-	-	-
Hot finished	United States	575	3	-	-	12,067	69	1.5
	United Kingdom	92	-	-	-	801	-	-
	Germany	23	-	-	-	23	-	-
	Italy	-	-	-	-	6	-	-
Welded 4" and under in diameter	United States	627	-	4.7	-	6,148	1	54.1
	United Kingdom	755	-	-	-	6,167	-	1.2
	Austria	-	-	-	-	122	-	-
	Belgium	96	-	-	-	384	-	-
	France	205	-	-	-	543	-	-
	Germany	474	-	-	-	999	-	-
Welded over 4" in diameter	United States	1,162	-	1.8	-	315,418	-	74.9
	United Kingdom	10,639	-	-	-	85,715	-	-
Conduit	United States	111	-	-	-	1,481	-	-
Casing	United States	9,103	-	-	-	89,555	-	-
	United Kingdom	1,912	-	-	-	21,794	-	-
	Australia	-	-	-	-	281	-	-
	Belgium	-	-	-	-	1,737	-	-
	Czechoslovakia	-	-	-	-	4,579	-	-
	France	593	-	-	-	5,428	-	-
	Germany	455	-	-	-	13,645	-	-
	Italy	150	-	-	-	6,716	-	-
	Japan	260	-	-	-	28,710	-	-
	Yugoslavia	-	-	-	-	229	-	-
Tubing -								
Not over 1/2" diameter, welded								
and coated	United States	26	-	-	-	277	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	October, 1957			Ten months ended October, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products (concluded) -							
Welding rods	United States	235	72	18.9	1,825	450	134.4
	United Kingdom	-	-	-	-	7	-
	Germany	-	-	-	2	-	-
Welding wire in coils	United States	20	2	.9	326	40	6.8
Wire rods not over 3/8" in diameter ...							
	United	128	-	-	1,609	-	-
	United Kingdom	-	-	-	1,150	-	-
	Belgium	303	-	-	2,892	-	-
	Germany	998	-	-	2,133	-	-
Axles - For railway vehicles	United States	26	-	-	533	-	-
	United Kingdom	8	-	-	198	-	-
Tires - For railway rolling stock	United States	1	-	-	241	-	-
	United Kingdom	192	-	-	1,130	-	-
Wheels - For railway rolling stock	United States	67	-	-	444	-	-
	United Kingdom	3,556	-	-	16,930	-	-
Rails -							
60 lb. and under	United States	52	-	-	1,312	-	-
	Belgium	-	-	-	287	-	-
	France	-	-	-	49	-	-
	Germany	-	-	-	2,093	-	-
	Netherlands	-	-	-	30	-	-

[illegible]

Note - Imports reported in Table 18 for Belgium includes Luxembourg.

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	October, 1957			Ten months ended October, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Net tons of 2,000 pounds)						
United States ..	101,636	3,139	502.8	1,440,710	35,543	5,721.6
United Kingdom .	27,396	204	257.6	278,138	1,298	2,493.9
Australia	735	-	-	5,441	-	-
Austria	1	2	-	735	29	-
Belgium (1)	8,785	-	-	139,128	-	-
Chile	-	-	-	7,565	-	-
Czechoslovakia .	-	-	-	4,742	-	-
Denmark	-	-	-	24	-	-
France	3,531	-	-	50,773	55	-
Germany	2,630	5	-	40,665	93	-
Italy	150	-	-	6,738	-	-
Japan	882	-	-	37,758	-	-
Netherlands	76	-	-	572	-	-
Norway	29	-	-	4,174	-	-
Poland	27	-	-	27	-	-
Sweden	67	7	24.8	492	457	277.0
Switzerland	-	-	-	200	-	-
Yugoslavia	-	-	-	229	-	-
Total	145,945	3,357	785.2	2,018,111	37,475	8,492.5

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	October, 1957	Ten months ended October, 1957
	(Net tons of 2,000 pounds)	
Pig iron	74,989	454,902
Ingots, blooms and billets	4,752	56,869
Bars	315	10,756
Rods	515	1,809
Plates, sheets and strips	3,831	46,811
Rails	18,044	94,104
Structural shapes	1,311	4,563
Pipe and tubing - Wrought iron	277	16,593
Cast iron	93	1,460
Galvanized	3	346
Other	1,352	22,496
Castings, iron and steel	304	7,341
Forgings	231	5,620
Total	106,017	723,670

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.



CANADA

PRIMARY IRON AND STEEL

NOVEMBER, 1957

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-117

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 11

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	November, 1957	Eleven months ended November, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	77,279	1,151,575
(b) From foreign mines	222,970	3,249,582
Pyrite cinder	-	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	61,533	794,734
(b) From foreign mines	-	-
(c) From own processing	117,423	1,126,017
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	11,879	176,239
Scrap iron and steel	13,843	170,588
Limestone	73,084	1,017,742
Dolomite	17,917	298,910
Coke	224,148	2,999,016

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, November

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	244,504	3,688	203,439	17,180
Foundry (including silvery pig)	11,310	17,533	10,363	13,106
Malleable	43,086	58,428	52,613	45,977
Total pig iron	298,900	79,649	266,415	76,263
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	108,212		225,654	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Eleven Months Ended November

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	2,724,938	79,309	2,986,287	274,434
Foundry (including silvery pig)	125,702	138,007	109,901	112,601
Malleable	403,766	393,745	374,553	314,439
Total pig iron	3,254,406	611,061	3,470,741	701,474
Ferro-alloys	(x)	(x)	(x)	(x)

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - See table 10.

Table 4 - Description of Iron Blast Furnaces at End of

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	12	3,387,075	80.2
Banked	-	-	-
Blown out	4	834,800	19.8
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	4,294,000
Electric	685,000
Oxygen	525,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	November		Eleven months ended November	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	241,857	200,833	2,668,606	2,670,101
Scrap - Own make	114,884	105,812	1,244,968	1,247,505
Purchased	122,915	87,887	1,309,653	1,218,277
Total pig iron and scrap	479,656	394,532	5,223,227	5,135,883

Table 7 - Production and Sales of Steel Ingots and Castings, November

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	385,090	3,427	319,112	124
Electric	47,832	823	31,639	5,575
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	432,922	4,250	350,751	5,699
Alloy steel ingots included in above ...	18,931	14	18,291	93
<u>Steel castings</u>				
Open hearth - basic	2,946	2,528	1,556	1,714
Electric	8,565	7,485	6,324	6,438
Other	1	-	8	9
Total steel Castings	11,512	10,013	7,888	8,161
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	215	206	223	225
(b) High alloy, manganese and abrasion resistant	1,761	1,603	1,601	1,581
(c) All other alloys	497	334	338	323
Total alloy castings	2,473	2,143	2,162	2,129

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 8 - Production and Shipments of Steel Ingots and Castings, Eleven Months Ended November

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	4,234,329	20,405	4,196,746	4,894
Electric	510,993	1,415	383,972	45,494
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	4,745,322	21,820	4,580,718	50,388
Alloy steel ingots included in above	199,343	354	223,046	1,877
<u>Steel castings</u>				
Open hearth - basic	29,427	25,982	25,741	26,156
Electric	80,634	69,881	79,890	78,390
Other	284	260	412	450
Total steel castings	110,345	96,123	106,043	104,996
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,318	2,065	2,351	2,429
(b) High alloy, manganese and abrasion resistant	17,409	16,536	19,652	19,279
(c) All other alloys	5,402	3,361	5,310	4,659
Total alloy castings	25,129	21,962	27,313	26,367

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	November, 1957		Eleven months ended November, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	15	320	186	2,916
Automotive industries	91	11	1,137	205
Agricultural, including implement and equipment manufacturers	144	-	1,285	76
Machinery and tools	1,683	247	16,624	3,060
Mining, lumbering and quarrying industries	491	972	7,791	12,117
Oil and gas, including refineries	84	34	1,157	474
National defence	2	19	171	150
Public works and public utilities	413	26	2,767	684
Railway operating	300	118	6,776	1,520
Railway cars and locomotives	2,415	95	34,978	920
Shipbuilding	52	154	954	1,274
Miscellaneous and unclassified	352	133	4,694	2,875
Total shipments	6,042	2,129	78,639	26,367

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,157 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
July	329,198		418,196	9,652	427,848
August	338,252		427,648	7,241	434,889
September	321,032	62,166 (3)	395,415	7,645	403,060
October	293,425		372,737	8,098	380,835
November	266,415		350,751	7,888	358,639
Total eleven months	3,470,741		4,580,718	106,043	4,686,761

- (1) First quarter
 (2) Second quarter
 (3) Third quarter
 (4) Fourth quarter

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, November, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	34,379	31,127
Other (including seamless and butt weld)	17,041	16,715
Total	51,420	47,842
Pipe and tubing by class:		
Standard and line pipe	41,422	38,769
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,593	2,428
Miscellaneous	6,405	6,645
Total	51,420	47,842
Steel pipe fittings:		
Butt weld fittings	405	343
Other (including flanges and flanged fittings).	178	184
Total	583	527
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Eleven Months Ended November, 1957.

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	387,323	378,033
Other (including seamless and butt weld)	184,291	182,523
Total	571,614	560,556
Pipe and tubing by class:		
Standard and line pipe	489,715	483,614
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	37,661	35,066
Miscellaneous	44,238	41,876
Total	571,614	560,556
Steel pipe fittings:		
Butt weld fittings	4,140	4,011
Other (including flanges and flanged fittings).	2,962	2,730
Total	7,102	6,741
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Primary Iron and Steel

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(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,
November, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	8,882	8,882	7,749	1,133
(b) For forging and piercing	16,493	15,143	-	15,143
Rails	32,794	24,230	-	24,230
Wire rods	18,857	18,941	-	18,941
Structural shapes:				
(a) Heavy, including piling	12,635	16,360	-	16,360
(b) Light	6,605	5,834	-	5,834
Concrete reinforcing bars	25,988	24,645	-	24,645
Other hot rolled bars	32,019	32,490	3,128	29,362
Tie plates and track material:				
(a) Angle bars	355	343	-	343
(b) Tie plates	5,230	4,895	-	4,895
(c) Track spikes	447	206	-	206
Plates	41,661	42,407	-	42,407
Hot rolled sheets and strip	68,372	102,042	62,125	39,917
Total all hot rolled products	270,338	296,418	73,002	223,416
<u>Cold rolled and coated</u>				
Cold finished bars	2,514	2,522	-	2,522
Cold reduced strip	4,028	3,814	-	3,814
Cold reduced sheets, tin mill black plate and tin plate	71,829	67,521	30,776	36,745
Galvanized sheets	15,259	14,980	-	14,980
Total all cold rolled and coated ..	93,630	88,837	30,776	58,061
Grand total all carbon products	363,968	385,255	103,778	281,477
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	394	394	-	394
Alloy plates	689	450	-	450
Other hot rolled bars, including high-speed steel and alloy tool steel	5,486	6,258	33	6,225
Structurals	-	1	-	1
Cold finished bars	663	542	-	542
Wire rods	226	198	-	198
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	1,965	2,172	-	2,172
Total all alloy products	9,423	10,015	33	9,982

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Eleven Months Ended November, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	167,374	146,723	141,049	5,674
(b) For forging and piercing	134,258	132,324	-	132,324
Rails	357,397	347,878	-	347,878
Wire rods	269,446	273,043	-	273,043
Structural shapes:				
(a) Heavy, including piling	240,771	253,527	-	253,527
(b) Light	83,698	70,138	-	70,138
Concrete reinforcing bars	283,748	273,017	-	273,017
Other hot rolled bars	366,732	363,677	23,143	340,534
Tie plates and track material:				
(a) Angle bars	14,929	14,748	-	14,748
(b) Tie plates	73,062	73,473	-	73,473
(c) Track spikes	12,184	12,189	-	12,189
Plates	503,238	504,198	-	504,198
Hot rolled sheets and strip	1,202,155	1,234,837	805,259	429,578
Total all hot rolled products	3,708,992	3,699,772	969,451	2,730,321
<u>Cold rolled and coated</u>				
Cold finished bars	28,978	29,033	-	29,033
Cold reduced strip	38,652	38,820	-	38,820
Cold reduced sheets, tin mill black plate and tin plate	901,183	912,136	415,487	496,649
Galvanized sheets	159,815	162,586	-	162,586
Total all cold rolled and coated ..	1,128,628	1,142,575	415,487	727,088
Grand total all carbon products	4,837,620	4,842,347	1,384,938	3,457,409
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	6,073	5,982	-	5,982
Alloy plates	5,518	5,161	-	5,161
Other hot rolled bars, including high-speed steel and alloy tool steel	83,919	84,312	40	84,272
Structurals	207	68	-	68
Cold finished bars	5,321	5,452	-	5,452
Wire rods	2,006	1,867	-	1,867
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	19,529	20,147	-	20,147
Total all alloy products	122,583	123,065	40	123,025

Table 15 - Disposition of Shipments* of Rolled Steel Products

	November, 1957		Eleven months ended November, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	23,982	236	338,530	3,997
Direct export:				
(a) British Empire	14,794	309	35,010	5,868
(b) All other	16,112	571	119,555	8,072
Automotive industries	15,164	5,113	135,862	46,202
Agricultural, including implement and equipment manufacturers	13,560	139	65,941	1,419
Building construction	54,355	77	644,277	695
Container industry	15,917	142	282,194	597
Machinery and tools	15,769	1,347	196,972	18,161
Merchant trade products	24,583	357	354,326	3,967
Mining, lumbering, etc.	5,229	479	67,332	19,020
National defence	130	122	2,842	1,313
Pressing, forming and stamping	12,497	504	147,403	6,321
Public works and utilities	4,192	-	38,109	-
Railway operating	19,619	27	379,166	622
Railway cars and locomotives	7,509	579	172,390	5,788
Shipbuilding	3,511	13	30,397	950
Pipes and tubes	34,040	-	439,937	33
Miscellaneous and unclassified	514	-	7,166	-
Net shipments	281,477	10,015	3,457,409	123,025

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, November

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	-	135	928	3,546	659
Direct export:					
(a) British Empire	36	11,024	-	6	-
(b) All other	1,137	210	55	1,920	-
Automotive industries	1,364	-	-	235	-
Agricultural, including implement and equipment manufacturers	99	-	64	1,200	-
Building construction	193	136	450	8,160	21,094
Container industry	-	-	10	2	-
Machinery and tools	698	4	226	876	27
Merchant trade products	200	-	17,278	100	756
Mining, lumbering, etc.	76	274	127	1,768	13
National defence	-	-	-	-	-
Pressing, forming and stamping .	10	-	-	673	-
Public works and utilities	-	-	1	1,808	2,034
Railway operating	54	12,437	-	151	4
Railway cars and locomotives ...	2,838	10	-	884	-
Shipbuilding	3	-	-	861	58
Pipes and tubes	9,962	-	-	-	-
Miscellaneous and unclassified .	-	-	-	4	-
Net shipments	16,670	24,230	19,139	22,194	24,645

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

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Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
3,321	4	4,832	2,300	525	144	3,593	4,231	24,218
265	-	-	3,753	3	-	16	-	15,103
226	-	44	10,673	3	-	2,415	-	16,683
7,720	-	121	6,262	933	727	2,767	148	20,277
6,007	-	832	3,017	611	43	1,431	395	13,699
1,788	4	8,457	2,300	30	450	3,389	7,981	54,432
10	-	-	506	1	46	14,933	551	16,059
3,578	-	8,589	1,139	389	385	1,175	30	17,116
5,372	-	-	817	267	44	106	-	24,940
2,766	69	432	87	49	47	-	-	5,708
95	-	-	25	86	32	14	-	252
2,134	-	224	3,340	153	965	4,697	805	13,001
203	-	-	137	1	-	-	8	4,192
668	5,367	898	2	8	-	23	34	19,646
844	-	2,319	432	3	-	-	758	8,088
351	-	2,249	1	1	-	-	-	3,524
197	-	13,860	7,298	-	594	2,090	39	34,040
76	-	-	-	1	337	96	-	514
35,621	5,444	42,857	42,089	3,064	3,814	36,745	14,980	291,492

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Eleven

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
	(Net tons)				
Wholesalers and warehouses	770	1,856	5,033	66,712	28,176
Direct export:					
(a) British Empire	2,555	27,543	-	53	448
(b) All other	6,548	53,689	392	2,624	121
Automotive industries	12,896	2	44	2,581	-
Agricultural, including implement and equipment manufacturers	171	-	458	8,139	123
Building construction	720	1,381	7,869	143,486	195,448
Container industry	65	-	30	74	-
Machinery and tools	9,279	724	1,664	15,913	42
Merchant trade products	2,457	-	258,023	2,567	14,633
Mining, lumbering, etc.	1,831	13,139	926	9,649	1,466
National defence	248	-	-	173	223
Pressing, forming and stamping .	118	-	299	9,890	369
Public works and utilities	69	26	9	2,393	31,788
Railway operating	1,890	248,563	40	6,211	22
Railway cars and locomotives ...	40,339	890	82	47,175	-
Shipbuilding	80	37	-	5,901	158
Pipes and tubes	61,391	-	-	10	-
Miscellaneous and unclassified .	2,629	28	41	114	-
Net shipments	144,056	347,878	274,910	323,665	273,017

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Primary Iron and Steel

Months Ended November, 1957.

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
of 2,000 pounds)								
53,272	104	52,429	38,819	8,371	1,649	40,160	45,176	342,527
3,602	-	-	5,422	86	-	1,107	62	40,878
4,702	3,686	669	27,977	37	75	26,313	794	127,627
60,649	-	1,749	59,563	10,073	6,616	26,812	1,079	182,064
24,999	-	3,927	16,022	3,536	346	5,764	3,875	67,360
34,566	95	85,395	41,067	189	5,489	30,650	98,617	644,972
360	-	78	9,800	21	205	270,888	1,270	282,791
55,395	56	85,300	22,434	4,606	4,297	14,212	1,211	215,133
65,080	-	686	9,693	2,911	442	1,663	138	358,293
49,087	741	5,782	2,195	624	388	432	92	86,352
1,887	-	123	472	769	216	44	-	4,155
31,453	-	1,003	30,870	3,066	9,897	60,843	5,916	153,724
1,688	68	365	167	60	819	567	90	38,109
14,217	95,443	9,938	2,299	59	9	271	826	379,788
16,000	216	51,604	18,175	30	20	428	3,219	178,178
3,370	1	21,504	229	19	-	38	10	31,347
3,296	-	188,805	164,520	7	5,685	16,045	211	439,970
1,251	-	2	1	21	2,667	412	-	7,166
424,874	100,410	509,359	449,725	34,485	38,820	496,649	162,586	3,580,434

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	November, 1957		Eleven months ended November, 1957		
		(Tons of 2,000 pounds)		Carbon	Alloy	Stainless
		Carbon	Alloy			
Pig iron -						
Basic	United States	-	-	-	225	-
Foundry	United States	166	-	-	1,433	-
	United Kingdom	-	-	-	123	-
	Australia	-	-	-	146	-
Malleable	United States	177	-	-	270	-
Silvery	United States	2,799	-	-	4,562	-
Ingots	United States	125	26	-	915	49.3
Billets, blooms, slabs and sheet bars ...	United States	32	21	28.0	1,244	683.4
	United Kingdom	-	4	-	1	-
	Sweden	-	1	-	-	-
Tube rounds and tube billets	United States	-	-	-	15,986	-
Bars and sections -						
Hot rolled, n.o.p.	United States	1,261	123	26.9	32,487	1,940
	United Kingdom	279	38	8.4	6,421	463
	Austria	-	-	-	15	-
	Belgium	1,263	-	-	7,043	-
	Chile	-	-	-	218	-
	France	-	-	-	1,819	-
	Germany	-	-	-	163	9
	Japan	-	-	-	120	-
	Sweden	-	-	2.2	22	5
Hot rolled -						
For agricultural implements	United States	619	-	-	2,117	93
Rounds over 4 7/8", squares over 4" ..	United States	200	6	.8	4,815	81
	United Kingdom	16	2	.6	321	42
Concrete reinforcing bars	United States	42	-	-	17,585	-
	Belgium	333	-	-	21,337	-
	Chile	-	-	-	816	-
	France	-	-	-	11,629	-

Sash or casement sections	United States	15	-	-	269	-	-
	United Kingdom	-	-	-	76	-	-
	Belgium	-	-	-	-	-	-
Cold finished, n.o.p.	United States	172	104	32.0	3,420	1,812	147.3
	United Kingdom	252	3	3.0	2,733	6	100.7
	Belgium	2	-	-	702	-	-
	Germany	-	8	-	41	16	-
	Sweden	-	-	-	6	-	1.7
Cold finished, for agricultural implements	United States	154	11	-	994	13	-
	United States	132	62	-	2,119	773	-
	United Kingdom	27	45	-	563	477	-
	Austria	4	4	-	13	43	-
	Germany	-	-	-	-	47	-
	Sweden	81	14	-	86	110	-
Structurals -	United States	18,855	-	-	216,039	-	-
W. F. beams, 8" and over	United Kingdom	11	-	-	215	-	-
	Belgium	971	-	-	22,314	-	-
	France	-	-	-	330	-	-
	Germany	-	-	-	2,407	-	-
	Norway	-	-	-	234	-	-
	United States	942	-	-	10,971	-	-
	Belgium	203	-	-	1,488	-	-
	Germany	-	-	-	28	-	-
	Norway	81	-	-	81	-	-
	United States	393	-	-	4,702	-	-
	United Kingdom	-	-	-	8,921	-	-
	Belgium	-	-	-	5,079	-	-
	France	-	-	-	761	-	-
	Germany	2,787	-	-	5,166	-	-
Sheet piling	United States	6,641	-	-	102,566	-	-
	United Kingdom	496	-	-	8,455	-	-
	Austria	-	-	-	17	-	-
	Belgium	1,759	-	-	66,866	-	-
	France	447	-	-	26,889	-	-
	Germany	-	-	-	2,501	-	-
	Italy	-	-	-	15	-	-
	Norway	-	-	-	3,481	-	-
	Sweden	-	-	-	25	-	-
All other	United States	18,855	-	-	216,039	-	-
	United Kingdom	11	-	-	215	-	-
	Belgium	971	-	-	22,314	-	-
	France	-	-	-	330	-	-
	Germany	-	-	-	2,407	-	-
	Norway	-	-	-	234	-	-
	United States	942	-	-	10,971	-	-
	Belgium	203	-	-	1,488	-	-
	Germany	-	-	-	28	-	-
	Norway	81	-	-	81	-	-
	United States	393	-	-	4,702	-	-
	United Kingdom	-	-	-	8,921	-	-
	Belgium	-	-	-	5,079	-	-
	France	-	-	-	761	-	-
	Germany	2,787	-	-	5,166	-	-
	United States	6,641	-	-	102,566	-	-
	United Kingdom	496	-	-	8,455	-	-
	Austria	-	-	-	17	-	-
	Belgium	1,759	-	-	66,866	-	-
	France	447	-	-	26,889	-	-
	Germany	-	-	-	2,501	-	-
	Italy	-	-	-	15	-	-
	Norway	-	-	-	3,481	-	-
	Sweden	-	-	-	25	-	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	November, 1957		Eleven months ended November, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Structurals (concluded) -							
Bar size angles, channels, etc.							
	United States	270	-	4.1	11,638	-	162.6
	United Kingdom	78	-	-	2,380	-	1.5
	Belgium	526	-	-	7,663	-	-
	France	-	-	-	2,714	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	1.9	-	-	3.4
For agricultural implements	United States	22	-	-	273	-	-
Plates -							
78" and under in width							
	United States	5,403	55	32.4	120,981	789	785.5
	United Kingdom	2,252	-	23.2	17,905	-	539.8
	Australia	10	-	-	4,168	-	-
	Austria	-	-	-	61	-	-
	Belgium	253	-	-	5,297	-	-
	Chile	374	-	-	6,905	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	16	-	-	624	-	-
	Germany	-	-	-	5,460	-	-
	Japan	-	-	-	7,520	-	-
	Poland	-	-	-	27	-	-
	Sweden	-	-	-	-	-	-
	United States	8,728	122	16.0	58,460	2,650	13.1
	United Kingdom	3,039	-	-	16,806	-	150.0
	Austria	-	-	-	511	-	25.3
	Belgium	63	-	-	375	-	-
	Germany	-	-	-	2,385	-	-
	Japan	-	-	-	786	-	-
Over 78" and under 100" in width							
	United States	8,728	122	16.0	58,460	2,650	13.1
	United Kingdom	3,039	-	-	16,806	-	150.0
	Austria	-	-	-	511	-	25.3
	Belgium	63	-	-	375	-	-
	Germany	-	-	-	2,385	-	-
	Japan	-	-	-	786	-	-

100" in width and over	United States United Kingdom Germany	1,511 551 -	10 - -	3,919 1,164 -	29 - -	- -
Flanged, dished or curved	United States United Kingdom United States United Kingdom United States United Kingdom United States United Kingdom Chile	188 - 197 218 717 175 11	6 - 7 - - - - -	3,081 93 2,943 366 13,991 704 11	6 - 11 - - - -	107.8 - 36.2 - - - -
Boiler, pulp-mill digesters						
Chequered or surface pattern						
Sheets - Silicon .075 or more	United States United Kingdom France	- - -	1,223 - 23	- - -	16,666 109 78	- - -
Galvanized	United States United Kingdom	449 24	- -	7,422 100	- -	- -
Corrugated	United States United Kingdom	184 -	- -	2,368 95	- -	- -
For tubes	United States	52	-	16,181	-	-
For tubular products	United States	-	-	-	-	-
Hot rolled - 18 gauge and heavier	United States United Kingdom Netherlands Sweden	2,173 177 - -	8 - - -	49,957 1,815 32 -	239 - - -	186.4 348.1 - 221.1
Lighter than 18 gauge	United States United Kingdom	22 -	2 -	393 15	52 -	93.4 32.0
Cold rolled - 18 gauge and heavier	United States United Kingdom Sweden	437 - -	- - -	7,127 539 -	22 - -	658.7 850.9 9.5

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	November, 1957		Eleven months ended November, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy
(Tons of 2,000 pounds)						
Sheets (concluded)						
Cold rolled (concluded) -						
Lighter than 18 gauge	United States	764	-	210.8	8,322	4
	United Kingdom	-	-	37.7	734	-
	Sweden	-	-	-	-	-
	United States	1,859	-	-	11,322	-
For motor vehicles	United States	1,048	-	-	9,914	-
	United Kingdom	23	-	-	385	-
For hollow-ware (vitreous enamel)	United States	207	-	-	1,657	-
	United Kingdom	-	-	-	35	-
Coated with paint, tar, asphaltum, etc.	United States	-	-	-	-	-
For heating apparatus (blue polished) .	United States	-	-	-	-	-
For saws	United States	5	20	-	31	405
	United Kingdom	-	-	-	1	15
	Germany	-	-	-	-	3
	Sweden	-	1	-	-	10
Wasters and rejects	United States	375	-	-	4,668	-
Tin mill black plate	United States	13	-	-	126	-
Tin plate - Primes	United States	33	-	-	154	-
	United Kingdom	20	-	-	3,377	-
Tin plate - Electrolytic coating	United States	31	-	-	691	-
	United Kingdom	-	-	-	489	-
Tin plate wasters and seconds	United States	-	-	-	-	-
Terne plate - Long	United States	387	-	-	4,352	-
Short	United States	-	-	-	581	-
			</			

[illegible]

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	November, 1957				Eleven months ended November, 1957	
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy Stainless
Strip (concluded) -							
For hoops	United States	51	-	-		674	-
	United Kingdom	1	-	-		192	-
	Germany	-	-	-		4	-
Coated or covered with paint, tar, asphaltum, etc.	United States	481	-	-	6,678	-	-
	United Kingdom	2	-	-	38	-	-
	Germany	14	-	-	84	-	-
For butts and hinges	United States	-	-	-	166	-	-
Hoop band or strip, galvanized	United States	364	-	-	2,772	-	-
	United Kingdom	10	-	-	95	-	-
	Belgium	-	-	-	10	-	-
	Japan	-	-	-	6	-	-
Silicon .075 or more	United States	-	502	-	-	6,179	-
Skelp -							
12" and under in width	United States	619	-	-	66,933	-	-
	United Kingdom	-	-	-	168	-	-
	Germany	-	-	-	1,906	-	-
Over 12" in width	United States	3,830	-	-	30,724	-	-
Plate for pipe	United States	6,595	-	-	152,138	-	-

	United States				
Pipes and tubes -	178	-	-	3,581	-
Spiral weld pipe	-	-	-	-	-
For bedstead	-	-	-	9	-
	-	-	-	3	-
	2	-	-	6	-
	4	-	-	638	-
Cast	518	-	-	20,231	-
	-	-	-	130	-
Repair of pressure parts of boilers -					
Seamless, hot finished	316	8	-	2,795	342
	224	-	-	920	106
	35	-	-	165	-
	-	-	-	13	-
Seamless, cold drawn	38	36	-	491	189
	90	3	-	233	3
	-	-	-	5	-
Welded	-	-	.1	945	-
	373	-	-	2,365	-
	34	-	-	234	-
Seamless, 12" and under in diameter -					
Cold drawn	374	66	11.1	6,228	707
	204	-	16.0	1,968	41
	1	-	-	28	-
	31	52	8.3	174	253
Hot finished	965	356	.1	8,812	2,403
	272	-	-	6,500	-
	-	-	-	856	-
	65	-	-	407	26
	-	-	-	1	-

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	November, 1957		November, 1957	
		Carbon	Alloy	Stainless	Carbon Alloy
(Tons of 2,000 pounds)					
Pipes and tubes (concluded) -					
Seamless, over 12" in diameter -					
Cold drawn	United States	-	-	-	-
Hot finished	United States	430		.7	12,497
	United Kingdom	1,072		-	1,873
	Germany	-		-	23
	Italy	-		-	6
	United States	936		6.3	7,084
	United Kingdom	963		8.9	7,130
	Austria	-		-	122
	Belgium	46		-	430
	France	32		-	575
	Germany	206		-	1,205
	Netherlands	4		-	4
	United States	954		9.9	316,372
	United Kingdom	12,463		-	98,178
	United States	74		-	1,555
	United States	6,497		-	96,052
	United Kingdom	1,259		-	23,053
	Australia	-		-	281
	Belgium	-		-	1,737
	Czechoslovakia	-		-	4,579
	France	283		-	5,711
	Germany	17		-	13,662
	Italy	-		-	6,716
	Japan	956		-	29,666
	Yugoslavia	-		-	229
Tubing -					
Not over 1 1/2" diameter, welded					
and coated					

[illegible]

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	November, 1957		Eleven months ended November, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products (concluded) -							
Welding rods	United States	272	50	14.0	2,097	500	148.4
	United Kingdom	-	-	-	-	7	-
	Germany	-	-	-	2	-	-
Welding wire in coils	United States	60	1	1.4	386	41	8.2
Wire rods not over 3/8" in diameter ...	United States	36	8	.1	1,645	8	.1
	United Kingdom	174	-	-	1,324	-	-
	Belgium	633	-	-	3,525	-	-
	Germany	1,429	-	-	3,562	-	-
							24
Axles - For railway vehicles	United States	1	-	-	534	-	-
	United Kingdom	-	-	-	198	-	-
Tires - For railway rolling stock	United States	35	-	-	276	-	-
	United Kingdom	406	-	-	1,536	-	-
Wheels - For railway rolling stock	United States	90	-	-	534	-	-
	United Kingdom	3,914	-	-	20,844	-	-
Rails -							
60 lb. and under	United States	266	-	-	1,578	-	-
	Belgium	-	-	-	287	-	-
	France	-	-	-	49	-	-
	Germany	-	-	-	2,093	-	-
	Netherlands	-	-	-	-	-	-

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	November, 1957			Eleven months ended November, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Net tons of 2,000 pounds)						
United States ..	84,328	2,882	589.5	1,525,038	38,425	6,311.1
United Kingdom .	36,326	97	216.4	314,464	1,395	2,710.3
Australia	10	-	-	5,451	-	-
Austria	4	4	-	739	33	-
Belgium (1)	6,115	-	-	145,243	-	-
Chile	385	-	-	7,950	-	-
Czechoslovakia .	-	-	-	4,742	-	-
Denmark	-	-	-	24	-	-
France	908	23	-	51,681	78	-
Germany	5,118	8	-	45,783	101	-
Italy	-	-	-	6,738	-	-
Japan	977	-	-	38,735	-	-
Netherlands	86	-	-	658	-	-
Norway	81	-	-	4,255	-	-
Poland	-	-	-	27	-	-
Sweden	172	85	52.5	664	542	329.5
Switzerland	34	-	-	234	-	-
Yugoslavia	-	-	-	229	-	-
Total	134,544	3,099	858.4	2,152,655	40,574	9,350.9

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	November, 1957	Eleven months ended November, 1957
	(Net tons of 2,000 pounds)	
Pig iron	90,428	545,330
Ingots, blooms and billets	3,981	60,850
Bars	449	11,205
Rods	95	1,904
Plates, sheets and strips	6,103	52,914
Rails	1,105	95,209
Structural shapes	2,000	6,563
Pipe and tubing - Wrought iron	196	16,789
Cast iron	8	1,468
Galvanized	-	346
Other	1,868	24,364
Castings, iron and steel	758	8,099
Forgings	255	5,875
Total	107,246	830,916

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.



CANADA



PRIMARY IRON AND STEEL

DECEMBER, 1957

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Metal and Chemical Products Section

6512-539-127

Price \$2.00 per year
25 cents per copy

Vol. 12, No. 12

PRIMARY IRON AND STEEL

(a) Pig Iron and Ferro-alloys

Table 1 - Iron Blast Furnace Charges

	December, 1957	Twelve months ended December, 1957
	(Net tons of 2,000 pounds)	
Crude iron ore:		
(a) From Canadian mines	64,486	1,216,061
(b) From foreign mines	223,694	3,473,276
Pyrite cinder	-	1,698
Iron ore (sintered, pelletized, etc.):		
(a) From Canadian mines	56,766	851,500
(b) From foreign mines	-	-
(c) From own processing	103,575	1,229,592
Mill cinder, roll scale, slag and flue dust (Not sintered, pelletized, etc.)	13,632	189,871
Scrap iron and steel	11,076	181,664
Limestone	67,461	1,085,203
Dolomite	16,584	315,494
Coke	206,974	3,205,990

Table 2 - Production and Shipments of Pig Iron and Ferro-alloys, December

	1 9 5 6		1 9 5 7	
	Tonnage made*	Tonnage shipped	Tonnage made*	Tonnage shipped
	(Net tons of 2,000 pounds)			
<u>Pig iron</u>				
Basic	267,184	9,347	201,377	2,574
Foundry (including silvery pig)	20,984	5,048	16,495	3,581
Malleable	25,622	22,429	29,542	26,639
Total pig iron	313,790	36,824	247,414	32,794
<u>Ferro-alloys</u>	(x)	(x)	(x)	(x)
Stocks of pig iron on hand at end of month.	131,101		255,112	

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - see Table 10.

Table 3 - Production and Shipments of Pig Iron and Ferro-alloys, Twelve Months Ended December

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
	(Net tons of 2,000 pounds)			
Pig iron				
Basic	2,992,122	88,656	3,187,664	277,000
Foundry (including silvery pig)	146,686	143,055	126,396	116,180
Malleable	429,388	416,174	404,095	341,070
Total pig iron	3,568,196	647,885	3,718,155	734,260
Ferro-alloys	242,164	243,809	230,031	211,570

* Includes amounts for sale and for own use.

(x) Available on a quarterly basis only - See table 10.

Table 4 - Description of Iron Blast Furnaces at End of December, 1957

Condition of furnaces	Number of furnaces	Total annual capacity	
		Net tons	Per cent
In blast	11	2,947,075	69.8
Banked	-	-	-
Blown out	5	1,274,800	30.2
Total	16	4,221,875	100.0

(b) Steel Ingots and Steel Castings

Table 5 - Steel Furnace Capacity at First of January, 1957

	Annual capacity
	(Net tons of 2,000 pounds)
Ingots - Basic open hearth	
Electric	4,294,000
Oxygen	685,000
Total ingots	5,504,000
Steel castings	339,000
Total ingots and castings	5,843,000

Table 6 - Pig Iron and Scrap Charged to Steel Furnaces

	December		Twelve months ended December	
	1956	1957	1956	1957
(Net tons of 2,000 pounds)				
Pig iron	253,839	204,361	2,922,445	2,874,462
Scrap - Own make	105,276	100,942	1,350,244	1,348,447
Purchased	125,569	78,406	1,435,222	1,296,683
Total pig iron and scrap	484,684	383,709	5,707,911	5,519,592

Table 7 - Production and Sales of Steel Ingots and Castings, December

	1 9 5 6		1 9 5 7	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	394,446	2,906	314,152	245
Electric	45,459	-	29,263	1,866
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	439,905	2,906	343,415	2,111
Alloy steel ingots included in above ...	20,065	-	14,649	73
<u>Steel castings</u>				
Open hearth - basic	2,696	2,413	1,549	1,571
Electric	7,533	6,635	6,129	5,893
Other	4	-	10	10
Total steel Castings	10,233	9,048	7,688	7,474
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	207	183	134	178
(b) High alloy, manganese and abrasion resistant	1,500	1,651	1,310	1,245
(c) All other alloys	476	267	333	297
Total alloy castings	2,183	2,101	1,777	1,720

* Includes amounts for sale and for own use.

(1) Included with "Basic open hearth".

NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Primary Iron and Steel

- 4 -

Table 8 - Production and Shipments of Steel Ingots and Castings, Twelve Months Ended December

	1956		1957	
	Tonnage made *	Tonnage shipped	Tonnage made *	Tonnage shipped
(Net tons of 2,000 pounds)				
<u>Steel ingots</u>				
Open hearth - basic	4,628,775	23,311	4,510,898	5,139
Electric	556,452	1,415	413,235	47,360
Oxygen	(1)	(1)	(1)	(1)
Total steel ingots	5,185,227	24,726	4,924,133	52,499
Alloy steel ingots included in above	219,408	354	237,695	1,950
<u>Steel castings</u>				
Open hearth - basic	32,123	28,395	27,290	27,727
Electric	88,167	76,516	86,019	84,283
Other	222	260	422	460
Total steel castings	120,578	105,171	113,731	112,470
Alloy steel castings included in above:				
(a) High alloy, except manganese and abrasion resistant	2,525	2,248	2,485	2,607
(b) High alloy, manganese and abrasion resistant	18,909	18,187	20,962	20,524
(c) All other alloys	5,878	3,628	5,643	4,956
Total alloy castings	27,312	24,063	29,090	28,087

* Includes amounts for sale and for own use. (1) Included with "Basic open hearth".
 NOTE: High alloy castings include all castings with any alloy content of eight per cent and over.

Table 9 - Disposition of Shipments* of Steel Castings

	December, 1957		Twelve months ended December, 1957	
	Carbon	Alloy	Carbon	Alloy
(Tons of 2,000 pounds)				
Direct export (a) British Empire	-	-	119	96
(b) All other	1	241	187	3,157
Automotive industries	74	9	1,211	214
Agricultural, including implement and equipment manufacturers	182	-	1,467	76
Machinery and tools	1,401	150	18,025	3,210
Mining, lumbering and quarrying industries	536	829	8,317	12,946
Oil and gas, including refineries	58	41	1,215	515
National defence	30	9	201	159
Public works and public utilities	186	86	2,953	770
Railway operating	318	138	7,094	1,658
Railway cars and locomotives	2,705	67	37,683	987
Shipbuilding	58	17	1,012	1,291
Miscellaneous and unclassified	205	133	4,899	3,008
Total shipments	5,754	1,720	84,383	28,087

* Compiled by principal consuming industries, according to the revised Steel Distribution Index. As of January, 1957, includes producers' own-make castings allocated to appropriate consuming industry. This information was not collected before January, 1957, and therefore, the data in above table are not strictly comparable with data for earlier years.

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel

Table 10 - Monthly Production of Pig Iron, Ferro-alloys and Steel					
Month	Pig iron	Ferro-alloys	S t e e l		
			Ingots	Castings	Total steel
(Net tons of 2,000 pounds)					
<u>1 9 5 6</u>					
January	285,084		425,167	8,533	433,700
February	268,457		391,287	9,351	400,638
March	292,642	58,148 (1)	429,720	11,005	440,725
April	287,083		423,614	10,452	434,066
May	291,300		451,281	10,850	462,131
June	303,118	63,157 (2)	435,377	10,211	445,588
July	307,642		432,440	9,123	441,563
August	316,726		443,777	8,497	452,274
September	295,824	59,883 (3)	424,764	9,609	434,373
October	307,630		454,973	11,202	466,175
November	298,900		432,922	11,512	444,434
December	313,790	60,966 (4)	439,905	10,233	450,138
Total twelve months	3,568,196	242,164	5,185,227	120,578	5,305,805
<u>1 9 5 7</u>					
January	304,896		456,440	11,065	467,505
February	291,741		413,435	10,733	424,168
March	334,710	50,045 (1)	463,891	11,255	475,146
April	324,961		439,002	11,063	450,065
May	336,684		425,308	11,285	436,593
June	329,427	58,968 (2)	417,895	10,118	428,013
July	329,198		418,196	9,652	427,848
August	338,252		427,648	7,241	434,889
September	321,032	62,166 (3)	395,415	7,645	403,060
October	293,425		372,737	8,098	380,835
November	266,415		350,751	7,888	358,639
December	247,414	58,852 (4)	343,415	7,688	351,103
Total twelve months	3,718,155	230,031	4,924,133	113,731	5,037,864

- (1) First quarter
 (2) Second quarter
 (3) Third quarter
 (4) Fourth quarter

Table 11 - Production and Shipments of Steel Pipe, Tubing and Fittings, December, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	28,510	26,406
Other (including seamless and butt weld)	12,049	9,519
Total	40,559	35,925
Pipe and tubing by class:		
Standard and line pipe	32,462	31,772
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	3,290	2,071
Miscellaneous	4,807	2,082
Total	40,559	35,925
Steel pipe fittings:		
Butt weld fittings	276	255
Other (including flanges and flanged fittings)	112	121
Total	388	376
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

Table 12 - Production and Shipments of Steel Pipe, Tubing and Fittings, Twelve Months Ended December, 1957

	Made	Shipped
	(Net tons of 2,000 pounds)	
Pipe and tubing by process:		
Electricweld	415,833	404,439
Other (including seamless and butt weld)	196,340	192,042
Total	612,173	596,481
Pipe and tubing by class:		
Standard and line pipe	522,177	515,386
Oil country goods	(1)	(1)
Pressure tubing	(2)	(2)
Mechanical tubing	40,951	37,137
Miscellaneous	49,045	43,958
Total	612,173	596,481
Steel pipe fittings:		
Butt weld fittings	4,416	4,266
Other (including flanges and flanged fittings)	3,074	2,851
Total	7,490	7,117
(1) Included with "Miscellaneous".		
(2) Included with "Mechanical tubing".		

(c) Rolled Steel ProductsTable 13 - Production and Disposition of Shipments of Rolled Steel Products,
December, 1957.

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	3,381	6,771	6,771	-
(b) For forging and piercing	10,290	13,832	-	13,832
Rails	37,030	52,086	-	52,086
Wire rods	19,583	18,608	-	18,608
Structural shapes:				
(a) Heavy, including piling	10,747	11,604	-	11,604
(b) Light	6,900	7,342	-	7,342
Concrete reinforcing bars	15,773	10,619	-	10,619
Other hot rolled bars	16,868	20,808	1,220	19,588
Tie plates and track material:				
(a) Angle bars	2,166	1,979	-	1,979
(b) Tie plates	6,770	7,162	-	7,162
(c) Track spikes	741	563	-	563
Plates	38,057	38,580	-	38,580
Hot rolled sheets and strip	98,663	91,935	72,911	19,024
Total all hot rolled products	266,969	281,889	80,902	200,987
<u>Cold rolled and coated</u>				
Cold finished bars	2,637	2,508	-	2,508
Cold reduced strip	2,676	2,913	-	2,913
Cold reduced sheets, tin mill				
black plate and tin plate	72,580	59,915	27,526	32,389
Galvanized sheets	11,247	11,341	-	11,341
Total all cold rolled and coated ..	89,140	76,677	27,526	49,151
Grand total all carbon products	356,109	358,566	108,428	250,138
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	-	-	-	-
(b) For forging and piercing	577	577	-	577
Alloy plates	363	452	-	452
Other hot rolled bars, including				
high-speed steel and alloy tool steel	6,327	6,502	16	6,486
Structurals	-	-	-	-
Cold finished bars	588	485	-	485
Wire rods	85	142	-	142
Hot and cold rolled sheets, silicon				
sheets and strip and stainless steel	1,545	1,466	-	1,466
Total all alloy products	9,485	9,624	16	9,608

Table 14 - Production and Disposition of Shipments of Rolled Steel Products, Twelve Months Ended December, 1957

	Production	Total of all shipments	Shipments for further processing	Net shipments
(Net tons of 2,000 pounds)				
<u>Carbon steel</u>				
<u>Hot rolled</u>				
Semi-finished shapes:				
(a) For re-rolling	170,755	153,494	147,820	5,674
(b) For forging and piercing	144,548	146,156	-	146,156
Rails	394,427	399,964	-	399,964
Wire rods	289,029	291,651	-	291,651
Structural shapes:				
(a) Heavy, including piling	251,518	265,131	-	265,131
(b) Light	90,598	77,480	-	77,480
Concrete reinforcing bars	299,521	283,636	-	283,636
Other hot rolled bars	383,600	384,485	24,363	360,122
Tie plates and track material:				
(a) Angle bars	17,095	16,727	-	16,727
(b) Tie plates	79,832	80,635	-	80,635
(c) Track spikes	12,925	12,752	-	12,752
Plates	541,295	542,778	-	542,778
Hot rolled sheets and strip	1,329,318*	1,326,772	878,170	448,602
Total all hot rolled products	4,004,461	3,981,661	1,050,353	2,931,308
<u>Cold rolled and coated</u>				
Cold finished bars	31,615	31,541	-	31,541
Cold reduced strip	41,328	41,733	-	41,733
Cold reduced sheets, tin mill black plate and tin plate	973,763	972,051	443,013	529,038
Galvanized sheets	171,062	173,927	-	173,927
Total all cold rolled and coated ..	1,217,768	1,219,252	443,013	776,239
Grand total all carbon products	5,222,229	5,200,913	1,493,366	3,707,547
<u>Alloy steel</u>				
Semi-finished shapes:				
(a) For re-rolling	10	76	-	76
(b) For forging and piercing	6,650	6,559	-	6,559
Alloy plates	5,881	5,613	-	5,613
Other hot rolled bars, including high-speed steel and alloy tool steel	90,246	90,814	56	90,758
Structurals	207	68	-	68
Cold finished bars	5,909	5,937	-	5,937
Wire rods	2,091	2,009	-	2,009
Hot and cold rolled sheets, silicon sheets and strip and stainless steel	21,074	21,613	-	21,613
Total all alloy products	132,068	132,689	56	132,633

*Revised - November should read 96,872.

Table 15 - Disposition of Shipments* of Rolled Steel Products

	December, 1957		Twelve months ended December, 1957	
	Carbon	Alloy	Carbon	Alloy
	(Net tons of 2,000 pounds)			
Wholesalers and warehouses	20,667	220	359,197	4,217
Direct export:				
(a) British Empire	38,500	326	73,510	6,194
(b) All other	4,452	314	124,007	8,386
Automotive industries	12,563	4,251	148,425	50,453
Agricultural, including implement and equipment manufacturers	10,412	296	76,353	1,715
Building construction	35,097	53	679,374	748
Container industry	14,752	55	296,946	652
Machinery and tools	12,902	913	209,874	19,074
Merchant trade products	23,417	645	377,743	4,612
Mining, lumbering, etc.	4,362	1,261	71,694	20,281
National defence	166	89	3,008	1,402
Pressing, forming and stamping	9,958	568	157,361	6,889
Public works and utilities	2,081	-	40,190	-
Railway operating	24,218	19	403,384	641
Railway cars and locomotives	8,608	586	180,998	6,374
Shipbuilding	3,224	8	33,621	958
Pipes and tubes	24,592	4	464,529	37
Miscellaneous and unclassified	167	-	7,333	-
Net shipments	250,138	9,608	3,707,547	132,633

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Note: Effective January, 1957, the data in the above table relate to rolling mill products only. Castings, forgings and steel pipe previously covered are not included. On this account, the totals shown are not comparable with previous years - See Table 9 and 11.

Table 16 - Disposition of Shipments* of Rolled Steel Products, by Product, December

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
					(Net to
Wholesalers and warehouses	-	62	477	3,946	1,412
Direct export:					
(a) British Empire	9	36,542	293	-	21
(b) All other	20	793	344	274	-
Automotive industries	2,110	-	10	440	-
Agricultural, including implement and equipment manufacturers	-	-	56	1,926	-
Building construction	6	66	100	7,946	7,409
Container industry	-	-	8	6	-
Machinery and tools	533	-	22	826	7
Merchant trade products	-	-	17,301	273	481
Mining, lumbering, etc.	185	533	71	378	4
National defence	-	-	-	-	-
Pressing, forming and stamping .	-	-	66	516	-
Public works and utilities	-	-	2	741	1,248
Railway operating	-	14,063	-	105	11
Railway cars and locomotives ...	2,108	27	-	1,328	2
Shipbuilding	98	-	-	240	24
Pipes and tubes	9,340	-	-	-	-
Miscellaneous and unclassified .	-	-	-	1	-
Net shipments	14,409	52,086	18,750	18,946	10,619

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

1957

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
(of 2,000 pounds)								
1,688	3	4,656	1,761	464	135	3,874	2,409	20,887
204	-	-	1,726	7	-	24	-	38,826
153	-	-	1,970	-	-	983	229	4,766
5,180	-	260	4,890	958	624	2,228	114	16,814
2,933	-	407	2,161	740	93	1,264	1,128	10,708
2,561	35	7,023	928	8	413	2,202	6,453	35,150
33	-	-	593	-	-	14,141	26	14,807
2,593	-	7,344	833	295	153	1,158	51	13,815
5,519	-	2	120	223	63	80	-	24,062
3,730	85	443	101	38	55	-	-	5,623
58	-	29	24	86	42	16	-	255
456	-	343	2,934	160	803	4,383	865	10,526
90	-	-	-	-	-	-	-	2,081
98	9,482	391	59	7	-	14	7	24,237
482	99	4,947	171	2	-	27	1	9,194
254	-	2,581	12	1	-	14	8	3,232
28	-	10,606	2,207	3	394	1,968	50	24,596
14	-	-	-	1	138	13	-	167
26,074	9,704	39,032	20,490	2,993	2,913	32,389	11,341	259,746

Table 17 - Disposition of Shipments* of Rolled Steel Products, by Product, Twelve

	Semi- finished shapes	Rails	Wire rods	Structural shapes	Concrete reinforcing bars
					(Net to
Wholesalers and warehouses	770	1,918	5,510	70,658	29,588
Direct export:					
(a) British Empire	2,564	64,085	293	53	469
(b) All other	6,568	54,482	736	2,898	121
Automotive industries	15,006	2	54	3,021	-
Agricultural, including implement and equipment manufacturers	171	-	514	10,065	123
Building construction	726	1,447	7,969	151,432	202,857
Container industry	65	-	38	80	-
Machinery and tools	9,812	724	1,686	16,739	49
Merchant trade products	2,457	-	275,324	2,840	15,114
Mining, lumbering, etc.	2,016	13,672	997	10,027	1,470
National defence	248	-	-	173	223
Pressing, forming and stamping .	118	-	365	10,406	369
Public works and utilities	69	26	11	3,134	33,036
Railway operating	1,890	262,626	40	6,316	33
Railway cars and locomotives ...	42,447	917	82	48,503	2
Shipbuilding	178	37	-	6,141	182
Pipes and tubes	70,731	-	-	10	-
Miscellaneous and unclassified .	2,629	28	41	115	-
Net shipments	158,465	399,964	293,660	342,611	283,636

* Compiled by principal consuming industries, according to the revised Steel Distribution Index.

Months Ended December, 1957

Other hot rolled bars	Tie plates and track material	Plates	Hot rolled sheets and strip	Cold finished bars	Cold reduced strip	Cold reduced sheets, tin mill black plate and tin plate	Gal- vanized sheets	Total
(\$ 2,000 pounds)								
54,960	107	57,085	40,580	8,835	1,784	44,034	47,585	363,414
3,806	-	-	7,148	93	-	1,131	62	79,704
4,855	3,686	669	29,947	37	75	27,296	1,023	132,393
65,829	-	2,009	64,453	11,031	7,240	29,040	1,193	198,878
27,932	-	4,334	18,183	4,276	439	7,028	5,003	78,068
37,127	130	92,418	41,995	197	5,902	32,852	105,070	680,122
393	-	78	10,393	21	205	285,029	1,296	297,598
57,988	56	92,644	23,267	4,901	4,450	15,370	1,262	228,948
70,599	-	688	9,813	3,134	505	1,743	138	382,355
52,817	826	6,225	2,296	662	443	432	92	91,975
1,945	-	152	496	855	258	60	-	4,410
31,909	-	1,346	33,804	3,226	10,700	65,226	6,781	164,250
1,778	68	365	167	60	819	567	90	40,190
14,315	104,925	10,329	2,358	66	9	285	833	404,025
16,482	315	56,551	18,346	32	20	455	3,220	187,372
3,624	1	24,085	241	20	-	52	18	34,579
3,324	-	199,411	166,727	10	6,079	18,013	261	464,566
1,265	-	2	1	22	2,805	425	-	7,333
450,948	110,114	548,391	470,215	37,478	41,733	529,038	173,927	3,840,180

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel

Commodity	Country of origin	December, 1957				Twelve months ended December, 1957			
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy	Stainless	
Pig iron -									
Basic	United States	-	-	-	-	225	-	-	-
Foundry	United States	75	-	-	-	1,508	-	-	-
	United Kingdom	-	-	-	-	123	-	-	-
	Australia	-	-	-	-	146	-	-	-
	United States	-	-	-	-	270	-	-	-
Malleable	United States	-	-	-	-	-	-	-	-
Silvery	United States	-	-	-	-	4,562	-	-	-
Ingot	United States	-	45	-	-	915	680	49.3	-
Billets, blooms, slabs and sheet bars ...	United States	10	39	7.8	-	1,254	706	691.2	-
	United Kingdom	-	-	-	-	1	47	-	-
	Sweden	-	-	-	-	-	5	-	-
	United States	-	-	-	-	15,986	-	-	-
Tube rounds and tube billets	United States	-	-	-	-	-	-	-	-
Bars and sections -									
Hot rolled, n.o.p.	United States	1,793	182	25.6	-	34,280	2,122	153.0	-
	United Kingdom	86	13	16.5	-	6,507	476	114.3	-
	Austria	-	-	-	-	15	-	-	-
	Belgium	778	-	-	-	7,821	-	-	-
	Chile	-	-	-	-	218	-	-	-
	France	-	-	-	-	1,819	-	-	-
	Germany	-	-	-	-	163	9	-	-
	Japan	-	-	-	-	120	-	-	-
	Sweden	21	-	-	-	43	5	9.6	-
Hot rolled -									
For agricultural implements	United States	166	-	-	-	2,283	93	-	-
Rounds over 4 7/8", squares over 4" ..	United States	113	1	1	-	4,928	82	3.7	-
	United Kingdom	36	1	6	-	357	43	12.8	-
Concrete reinforcing bars	United States	-	-	-	-	17,585	-	-	-
	Belgium	440	-	-	-	21,777	-	-	-
	Chile	-	-	-	-	816	-	-	-
	France	-	-	-	-	11,629	-	-	-
	Germany	-	-	-	-	546	-	-	-

[illegible]

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	December, 1957		Twelve months ended December, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Structurals (concluded) -							
Bar size angles, channels, etc.	United States	304	-	9.9	11,942	-	172.5
	United Kingdom	-	-	1.5	2,380	-	3.0
	Belgium	112	-	-	7,775	-	-
	France	-	-	-	2,714	-	-
	Norway	-	-	-	399	-	-
	Sweden	-	-	-	-	-	3.4
For agricultural implements	United States	36	-	-	309	-	-
Plates -							
78" and under in width	United States	5,496	110	33.6	126,477	899	819.1
	United Kingdom	1,634	-	37.8	19,539	-	577.6
	Australia	-	-	-	4,168	-	-
	Austria	-	-	-	61	-	-
	Belgium	161	-	-	5,458	-	-
	Chile	-	-	-	6,905	-	-
	Czechoslovakia	-	-	-	163	-	-
	France	-	-	-	624	-	-
	Germany	-	-	-	5,460	-	-
	Japan	19	-	-	7,539	-	-
	Poland	-	-	-	27	-	-
	Sweden	-	-	-	-	-	-
Over 78" and under 100" in width	United States	7,271	158	17.2	65,731	2,808	13.1
	United Kingdom	1,066	-	-	17,872	-	167.2
	Austria	-	-	-	511	-	25.3
	Belgium	-	-	-	375	-	-
	Germany	-	-	-	2,385	-	-
	Japan	-	-	-	786	-	-

- 16 -

	United Kingdom	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	December, 1957				Twelve months ended December, 1957		
		Carbon	Alloy	Stainless	(Tons of 2,000 pounds)	Carbon	Alloy	Stainless
Sheets (concluded)								
Cold rolled (concluded) -								
Lighter than 18 gauge	United States	779	-	94.9		9,101	4	1,403.1
	United Kingdom	-	-	19.4		734	-	503.1
	Sweden	-	-	1.6		-	-	7.2
For motor vehicles	United States	2,036	-	-		13,358	-	-
For hollow-ware (vitreous enamel)	United States	852	-	-		10,766	-	-
	United Kingdom	-	-	-		385	-	-
Coated with paint, tar, asphaltum, etc.	United States	60	-	-		1,717	-	-
	United Kingdom	-	-	-		35	-	-
For heating apparatus (blue polished) .	United States	-	-	-		-	-	18
For saws	United States	1	33	-		32	438	-
	United Kingdom	-	2	-		1	17	-
	Germany	-	-	-		-	3	-
	Sweden	-	6	-		-	16	-
Wasters and rejects	United States	410	-	-		5,078	-	-
Tin mill black plate	United States	24	-	-		150	-	-
Tin plate - Primes	United States	-	-	-		154	-	-
	United Kingdom	-	-	-		3,377	-	-
Tin plate - Electrolytic coating	United States	17	-	-		708	-	-
	United Kingdom	-	-	-		489	-	-
Tin plate wasters and seconds	United States	-	-	-		-	-	-
Terne plate - Long	United States	717	-	-		5,069	-	-
Short	United States	10	-	-		591	-	-

[illegible]

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	December, 1957			Twelve months ended December, 1957		
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
		(Tons of 2,000 pounds)					
Strip (concluded) -							
For hoops	United States	1	-	-	675	-	-
	United Kingdom	-	-	-	192	-	-
	Germany	-	-	-	4	-	-
Coated or covered with paint, tar, asphaltum, etc.	United States	729	-	-	7,407	-	-
	United Kingdom	-	-	-	38	-	-
	Germany	16	-	-	100	-	-
For butts and hinges	United States	17	-	-	183	-	-
Hoop band or strip, galvanized	United States	205	-	-	2,977	-	-
	United Kingdom	15	-	-	110	-	-
	Belgium	1	-	-	11	-	-
	Japan	-	-	-	6	-	-
Silicon .075 or more	United States	-	329	-	-	6,508	-
Skelp -							
12" and under in width	United States	684	-	-	67,617	-	-
	United Kingdom	-	-	-	168	-	-
	Germany	-	-	-	1,906	-	-
Over 12" in width	United States	559	-	-	31,283	-	-
Plate for pipe	United States	1,288	-	-	153,426	-	-

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	United States	United Kingdom	Germany	Sweden	Switzerland	Other	Total
Pipes and tubes -							
Spiral weld pipe	151	-	-	-	-	-	3,732
For bedstead	-	-	-	-	-	-	9
Cast	23	-	-	-	-	-	3
	208	-	-	-	-	-	6
	-	-	-	-	-	-	661
	-	-	-	-	-	-	20,439
	-	-	-	-	-	-	130
Repair of pressure parts of boilers -							
Seamless, hot finished	165	228	-	-	-	-	2,960
	396	-	-	-	-	-	1,316
	-	-	-	-	-	-	165
	1	-	-	-	-	-	14
Seamless, cold drawn	9	14	-	-	-	-	500
	58	-	-	-	-	-	291
	-	-	-	-	-	-	5
Welded	40	-	-	-	-	-	985
	127	-	-	-	-	-	2,492
	103	-	-	-	-	-	337
Seamless, 12" and under in diameter -							
Cold drawn	326	80	-	-	-	-	6,554
	134	1	-	-	-	-	2,102
	-	-	-	-	-	-	28
	-	-	-	-	-	-	174
	-	-	-	-	-	-	54.8
Hot finished	808	278	-	-	-	-	9,620
	44	-	-	-	-	-	6,544
	-	-	-	-	-	-	856
	55	-	-	-	-	-	462
	-	-	-	-	-	-	1

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Continued)

Commodity	Country of origin	December, 1957		Twelve months ended December, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Pipes and tubes (concluded) -							
Seamless, over 12" in diameter -							
Cold drawn	United States	-	-	-	-	-	-
Hot finished	United States	201	-	-	12,698	69	2.2
	United Kingdom	15	-	-	1,888	-	-
	Germany	-	-	-	23	-	-
	Italy	-	-	-	6	-	-
Welded 4" and under in diameter	United States	807	-	4.2	7,891	1	64.6
	United Kingdom	176	-	-	7,306	-	10.1
	Austria	-	-	-	122	-	-
	Belgium	110	-	-	540	-	-
	France	37	-	-	612	-	-
	Germany	168	-	-	1,373	-	-
	Netherlands	-	-	-	4	-	-
Welded over 4" in diameter	United States	11,105	-	1.0	327,477	-	85.8
	United Kingdom	4,745	-	-	102,923	-	-
Conduit	United States	91	-	-	1,646	-	-
Casing	United States	6,696	-	-	102,748	-	-
	United Kingdom	683	-	-	23,736	-	-
	Australia	795	-	-	1,076	-	-
	Belgium	-	-	-	1,737	-	-
	Czechoslovakia	272	-	-	4,851	-	-
	France	166	-	-	5,877	-	-
	Germany	-	-	-	13,662	-	-
	Italy	-	-	-	6,716	-	-
	Japan	1,680	-	-	31,346	-	-
	Yugoslavia	-	-	-	229	-	-
Tubing -							
Not over 1/2" diameter, welded							
and coated	United States	14	-	-	191,976	-	-

[illegible]

Primary Iron and Steel

Table 18 - Imports of Primary Forms of Iron and Steel (Concluded)

Commodity	Country of origin	December, 1957		Twelve months ended December, 1957			
		Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
(Tons of 2,000 pounds)							
Wire products (concluded) -							
Welding rods	United States	214	40	15.1	2,311	540	163.5
	United Kingdom	-	-	-	-	7	-
	Germany	-	-	-	2	-	-
Welding wire in coils	United States	7	1	4.5	393	42	12.7
Wire rods not over 3/8" in diameter ...	United States	103	7	-	1,748	15	.1
	United Kingdom	-	-	-	1,324	-	-
	Belgium	-	-	-	3,525	-	-
	Germany	-	-	-	3,562	-	-
Axles - For railway vehicles	United States	86	-	-	620	-	-
	United Kingdom	-	-	-	198	-	-
Tires - For railway rolling stock	United States	2	-	-	278	-	-
	United Kingdom	87	-	-	1,623	-	-
Wheels - For railway rolling stock	United States	10	-	-	544	-	-
	United Kingdom	2,015	-	-	22,859	-	-
Rails -							
60 lb. and under	United States	168	-	-	1,746	-	-
	Belgium	-	-	-	287	-	-
	France	-	-	-	49	-	-
	Germany	-	-	-	2,093	-	-
	Netherlands	-	-	-	-	-	-

Table 19 - Imports of Primary Forms of Iron and Steel, by Country of Origin

	December, 1957			Twelve Months Ended December, 1957		
	Carbon	Alloy	Stainless	Carbon	Alloy	Stainless
	(Net tons of 2,000 pounds)					
United States ..	79,113	2,763	414.1	1,604,151	41,188	6,725.2
United Kingdom .	13,645	49	212.8	328,109	1,444	2,923.1
Australia	795	-	-	6,246	-	-
Austria	-	-	-	739	33	-
Belgium (1)	2,890	-	-	148,133	-	-
Chile	-	-	-	7,950	-	-
Czechoslovakia .	272	-	-	5,014	-	-
Denmark	1	-	-	25	-	-
France	538	-	58.0	52,219	78	58.0
Germany	537	-	-	46,320	101	-
Italy	-	-	-	6,738	-	-
Japan	2,005	-	-	40,740	-	-
Netherlands	48	-	-	706	-	-
Norway	-	-	-	4,255	-	-
Poland	-	-	-	27	-	-
Sweden	34	20	44.9	698	562	374.4
Switzerland	103	-	-	337	-	-
Yugoslavia	-	-	-	229	-	-
Total	99,981	2,832	729.8	2,252,636	43,406	10,080.7

(1) Includes Luxembourg.

Table 20 - Exports of Primary Iron and Steel

	December, 1957	Twelve months ended December, 1957
	(Net tons of 2,000 pounds)	
Pig iron	45,270	590,600
Ingots, blooms and billets	4,334	65,184
Bars	570	11,775
Rods	647	2,551
Plates, sheets and strips	18,040	70,954
Rails	15,540	110,749
Structural shapes	2,704	9,267
Pipe and tubing - Wrought iron	288	17,077
Cast iron	5	1,473
Galvanized	2	348
Other	6,180	30,544
Castings, iron and steel	1,024	9,123
Forgings	340	6,215
Total	94,944	925,860

NOTE: Data in above Table were compiled from Customs' export entries received by the External Trade Section and, therefore, not exactly comparable with shipments data reported by producers in Tables 9 and 15-18.

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